r Kining Journal

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1891. Vol. XLI.

LONDON, SATURDAY, NOVEMBER 18, 1871.

(SUPPLEMENT) {PRICE FIVEPENCE.

MB. JAMES CROFTS, STOCK AND SHAREBROKER,
NO. 1, FINOH LANE, OORNHILL.
(ESTABLISHED 1842.)

HOLDERS of mining shares DIPPICULT OF SALE in the open market may find
gurchasers for the same through Mr. CROFT's 'agency. Also parties requiring
advice how to act in the disposal or abandonment of doubtful mining stocks may
profitably avail of Mr. CROFT's 'long experience on the market in all cases of
doubt or difficulty, legal or otherwise.

CASTLE AN DIAMS I'M MINE (LIMITED).

This mine (St. Columb, Cortwall) is now in full work, and making regular
profits. A minimum dividend of 10 per cent. is guaranteed for three years,
from January, 1871, but the profits are expected to give a much higher return.
The shares are limited to £2 each, and FULLY PAID, so there is no liability
whatever. Mr. Chort's strongly recommends these shares, and can offer a few
at £2 7s. 6d, net.

BUSINESS in GRRAT ROYALTON and ROGHE CONSOLS 'shares,
Every description of shares bought and sold at NET prices.

Bankers: Metropolitan Bank.

Bankers: Metropolitan Bank.

MR. W. H. BUMPUS, STOCK AND SHAREDEALER,

44. THREADNEEDLE STREET, LONDON, E.C., has FOR SALE the

following SHARES, free of commission:

13 Assheton, £4.

55 Anglo-Argentine, 17s.

50 Anglo-Brazil, 13s. 94

50 Braderian Consols.

50 Brederian Consols.

50 Brederian Consols.

50 Great Lavey, £15½.

50 Birdseye Ck., £4.

50 Birdseye Ck., £4.

50 Birdseye Ck., £4.

50 Bord, £2½.

50 Cargynon, 29s. 6d.

50 Gwydyr Park.

50 Chontaless, £2 pd., 25s.

50 Gwydyr Park.

50 Chontaless, £2 pd., 25s.

50 Gwydyr Park.

50 Chontaless, £2 pd., 25s.

50 Gwydyr Park.

50 Darke Walls, 20s.

50 East Caradon, £4.

50 Wh. Lucker, £3.

50 W. Chiverton, £18.

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MR. Y. CHRISTIAN, STOCK AND SHAREDEALER, 11, BOYAL EXCHANGE, E.C. Bankers: Bank of Rogland.

MR. WILLIAM SEWARD, STOCK AND MINING SHABE BROKER, 19, THROGMORTON STREET, LONDON, R.C. Everydescription of shares BOUGHT and SOLD at the best market prices.

MR. C. POWELL, STOCK AND SHAREDBALER, 78, OLD BROAD STREET, LONDON, E.C. MR. T. A. MUNDY, STOCK AND SHAREBROKER, 38, BISHOPSGATE STREET WITHIN, E.O. Bankers: City Bank.

MESSRS. ENDEAN AND CO., STOCK AND SHARE DEALERS, 85, GRACECHURCH STREET, LONDON, E.C. All marketable stocks dealt in for cash or account.

MR. W. E. JOHNSON, STOCK AND SHAREDEALER,
60, OLD BROAD STREET, LONDON.
(Late Secretary to the Mining Exchange.)

M. C. A. POWELL, STOCK AND SHAREDEALER, No. 1, PINNER'S COURT, OLD BROAD STREET, LONDON, E.C. is prepared to BUY or SELL SHARES in all the leading mines at market pricer net, also to transact business in the various securities dealt in on the Stock

net, also to transact dusiness in the various distinct.

Exchange.

BRINSTWITH LEAD MINING COMPANY (Limited).—Special business in these shares. Mr. POWELL can with confidence recommend investors to secure an interest in this company, believing it to be a thoroughly bona fide medium for the employment of capital. Full particulars on application either personally or by letter.

Bankers: City Bank, Finch-lane.

MR. JAMES STOCKER. STOCK AND SHAREDEALER,
2, CROWN COURT, THREADNEEDLE STREET, has SPECIAL BUSINERS in the following:—
55 East Llangynog.
10 East Van. £8½.
50 New Hendra, 203.
16 East Lovell, £15½.
18 Tankerville, £16½.
19 No. Carn Brea, £6½.
18 Tankerville, £16½.
19 W. Caradon, £4.
Every description of stock bought and sold at the best market prices.

Bankers: London and Westminster.

Established Twenty Years.

HOOKE AND CO., STOCK AND SHAREDEALERS,
LIPE, FIRE, AND MARINE INSURANCE AGENTS,
9, UNION COURT, OLD BROAD STREET.
At the rate of One Guinea per annum we give investors information on legitimate mining properties in the United Kingdom and elsewhere.
FOR SALE: -15 East Liangynog; 20 New Rosario, £1 Sz.; 20 Cwm Ricket;
50 Terras; 23 Lianarmon, £2 Sz.; 10 Russia Copper.
We are instructed to solicit offers for a number of shares in the following undertakings:—Tolima. Clifton, Prince of Wales, West Prince of Wales, King, Queen, Virtuous Lady, Great Royalton, Willoughby, and Lishon Street Tramways. FOR SALE, a VALUABLE TIN SETT, in CORNWALL.

| Queen, Virtuous Lady, Great Royalton, Willoughby, and Lisbon Street Tramways. FOR SALE, a VALUABLE TIN SETT, in CORNWALL.
| M ESSRS. W.M. MARLBOROUGH AND CO., | 19. BISHOPSGATE STREET WITHIN, LONDON, E.C. (Established 1) Fash and the property of the pr

ed; 1

MR. GEORGE BUDGE, STOCK AND SHAREDKALER,
So.4, ROYAL EXCHANGE BUILDINGS, LONDON, E.C. (Established
21 years), is a SELLER at net prices of:—
30 Wheal Kitty (St. Agnes); 55 St. Agnes Consols; 5 Bog, 2/4; 25 New Pembroke,
444; 20 Polbreet; 35 New Loveli, 2/6; 20 South Condurrow; 10 East Basset,
458; 10 Marke Valley, £4; 30 Roman Gravels, 17/4; 3 Providence, £76; 45
Calbedra, 25e.; 18 South Caradon, £68; 5 West Chiverton, £18; 100 Wheal
Carbor, 25e.; 50 Old Treburgett, 13s. 6d.; 65 West Tremayne; 200 Wheal Agar;
66 West Basset, £60; 5 Treieigh Wood, £13; 10 Van. £43%; 100 Kast Van; 3
South Condurrow; 20 Poldice, £6; 50 Okel Tor. 29s.; 100 Gwydyr Park, 16s.; 60
West Basset, £60; 5 Treieigh Wood, £13; 10 Van. £43%; 100 Kast Van; 3
South Condurrow; 20 Poldice, £6; 50 Okel Tor. 29s.; 100 Gwydyr Park, 16s.; 60
West Basset, £60; 5 & Alamilios, £134; 70. Pestarena; 40 Pastific; 200 Port
Pollips; 30 Sierra Buttes; 25 United Mexican; 200 Panulcillo, £1/4; 25 South
Aurora; 300 Frontino and Bolivia, 6s. 6d,

WATSON'S "WEEKLY MINING OIRCULAR AND SHARE LIST," No. 661, of Friday, 17th November, 1871. Price 6d. each copy, forwarded on application.

TANKERVILLE—ROMAN GRAVELS.—
No. 661, of Friday, 17th November, 1871, contains the latest particulars of the above, and also of the LEADING COPPER and TIN MINES of CORNWALL, It also contains Important Remarks on Tin and Tin Mines, and Cornish Copper Mines.

WEEKLY MINING CIRCULAR, EVERY FRIDAY,-LONDON DAILY RECORD, STOCK & SHARE LIST, Every Evening. Published by P. WATSON, Stock and Sharedealer, 79, Old Broad-street, E.C.

WATSON, STOCK AND SHAREDEALER, 79, OLD BROAD STREET, LONDON, E.C. Bankers: The Alliance Bank, and Union Bank of London

C. A. L. F. R. E. D. E. C. O. (Son and Successor to the late Mr. EDWARD COOKE), 76, OLD BROAD STREET, LONDON, E.C. Baukers: Alliance Bank (Limited). COOKE M

MESSRS. SANDY AND CO., STOCK AND SHAREDEALERS, No. 2, PINNER'S COURT, OLD BROAD STREET, LONDON, E.C. Established Twelve Years.—Daily Price-List on application.

MR. E. J. BARTLETT, STOCK AND SHAREDEALER, not prices in every description of security.

Parties wishing to Transact Business in the following are requested to communicate:

BAMDEVINE

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municate:

BAMPFYLDE.

BRADSEYE CREEK.
BOG.

BWLCH CONSOLS.

CALDBRCK FELLS.

CAFARTHA.

CRENVER AND ABRAHAM.

CABRPHILLY COLLIERY.

DRAKE WALLS.

RAST BETON.

FRANK MILLS.

**NORTH POOL.*

ROSEWALL HILL.

BOUTH ADARREN.

SOUTH ROMAN GRAYELS.

SWEETLAND CREEK.

TAQUARIL

WEST GODOLPHIN.

WEST PANT-Y-GO.

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WEST PANT-Y-GO.

**NORTH POOL.*

TAQUARIL

M ESSRS. W. DUNN AND CO., STOCK AND SHARE-DEALERS, 3 AND 4, GREAT WINCHESTER STREET BUILDINGS, LONDON, E.C. Bankers: National Provincial Bank of England.

LONDON, E.C.

Bankers: National Provincial Bank of England.

FOR SALE, at prices affixed:—
10 Birdseyo Creek, £4.
25 Bog. £2 8s.
10 Bronfloyd, £7 8s. 6d.
26 Cathedral, £1 5s.
20 Cathedral, £1 5s.
20 Chontales, £1 12s. 6d.
25 No. Crofty, £1 5s.
20 Chontales, £1 12s. 6d.
25 No. Crofty, £1 5s.
20 Chontales, £1 12s. 6d.
25 Cathedral, £1 5s.
20 Chontales, £1 12s. 6d.
26 East Basset, £9 17s. 6d.
27 No. Crofty, £1 5s.
28 Openericy, £3 5s.
29 Penericy, £3 5s.
20 Penericy, £3 5s.
20 Cathedral, £1 5s.
20 Cathedral, £1 5s.
20 Cathedral, £1 5s.
20 Cathedral, £1 5s.
20 East Lorell, £1 12s.
21 So. Aurora, £2 5s.
22 South Crofty, £31.
23 South Crofty, £31.
24 South Crofty, £31.
25 Sweet Band Ck., £3 5s.
26 Excelsior, 7s. 6d.
27 No. Crofty, £1 5s.
28 West Garadon, £3 15s.
29 West Espair Lie.
29 West Farker, £3 3s.
20 West Growll, £1 12s.
25 West Tanker, £3 3s.
26 Wh. Kitty (St. Agnes), £1s.
25 No.
25 Cathedral, £1 5s.
26 Wh. Kitty (Lelant), £5 10s.
27 Wh. Margaret, £19.
28 Wh. Margaret, £19.
28 Wh. Margaret, £19.
28 Wh. Margaret, £19.
29 Wh. Margaret, £19.
29 Wh. Margaret, £19.
20 Wh. Groville, £10.
20 Wh. Groville, £10.
21 Wh. Groville, £10.
22 Wh. Margaret, £19.
28 Wh. Margaret, £19.
29 Wh. Margaret, £19.
20 Wh. Groville, £10.
21 Wh. Groville, £10.
28 Wh. Kitty (Lelant), £5 10s.
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26 Wh. Wh. Groville, £10.
27 W

SILK AND CO., STOCK AND SHARE BROKERS, 22, REGENT STREET, PICCADILLY. W. FRANK LIMMER, Secretary.

Now ready, price One Shilling.

WHAT TO SELECT—WHAT TO AVOID.—
Foreign Mines will benefit by their perusai. It will also contain useful information relative to—
Eberhardt and Aurora. East Van.
Utah Silver Mining Co. Roman Gravels.
Elchmond Consolidated West Tankerville.
Copies can be had on application to Care Brea.

1, PINNER'S COURT, OLD BROAD STREET, LONDON, E.C.
Who has had Twenty-seven Years' Experience in the Mining Market.

Bankers': London Joint-Stock Bank.

JOHN KEANE, MINING SHAREDEALER,
AND METALLIC MINE AGENT.

30, GREAT ST. HELEN'S, LONDON, E.C.
Bankers: The London and Westminster Bank, Lothbury.
Mineral properties inspected, and working plans and sections of mines accurately prepared.

H I T C H E N S A N D C O , MINERAL AGENTS AND SURVEYORS.

NEW POULTRY CHAMBERS, LONDON, E.C.

From personal inspection, H. and Co. can strongly recommend the purchase of shares in the following mines for a great rise on their merits:—NANT-Y-BLAIDD SILVER-LEAD MINE, WEST LLANGYNOG SILVER-LEAD MINE, And NORTH SNALIBEAGH SILVER-LEAD MINE.

H. and Co. would also strongly recommend the purchase of shares in the PISTILL RHAIAD SLATE AND SLAB COMPANY (Limited) for a safe investment. Early applications should be made at the above address.

MESSRS. J. HUME AND CO., 74, OLD BROAD STREET, LONDON, E.O.
Business done for cash or account.—Telegrams promptly attended to.

E D W A R D B R E W I S A N D C BISHOPSGATE STREET WITHIN, CITY, LONDON, E.C. Every description of shares bought and sold at best prices. Bankers: The Alliance Bank (Limited), London, E.C.

MR. HENRY MANSELL, STOCK AND SHAREDEALER,
14, GREAT WINCHESTER STREET, LONDON, E.C.
Mr. HERRY MANSELL, having just returned from Wales, after thoroughly
inspecting the ALLT-CRIB and East LLANEWROG MINES, strongly advised
the immediate purchase of shares for a great advance in price.

WHEAL GRENVILLE, EAST WHEAL GRENVILLE, warne, and Wheal Crebor Mines specially recommended. Wheal Grenville shares, in all probability, will be worth £20 each; East Grenville, £10; Tre-leigh Wood, £150; West Caradon, £7; Wheal Lucy, £20; New Rosewarne, £150; and Wheal Crebor, £5.

THE CASTLE GATE TIN MINING COMPANY, AND THE CASTLE AN:

DINAS TIN MINING COMPANY (LIMITED). DIMAS TIN MINING COMPANY (LIMITED).

THE LONDON STOCK AND SHARE AGENCY,

163, STRAND, LONDON (Established Sixteen Years),

Recommend these TWO MINES to investors at present prices. There is no
mineral investment to approach them as regards value. Full particulars by

request. See reports.

The LONDON STOCK AND SHARE AGENCY'S "Circular" will be ready in a few

pays, post free for one stamp: it will contain valuable information for investors.

M R. C H A R L E S T H O M A S, MINING AGENT, 3. GREAT ST. HELEN'S, LONDON, B.C.

ESSRS. A. W. THOMAS AND CO., 10, COLEMAN STREET, B.C., MINING AGENTS, AND STOCK AND SHAREDEALERS, Montbly Circular for November now ready: post free, 64.

MESSES. G. LAVINGTON AND A. PENNINGTON, 44, THREADNEEDLE STEERT, E.C., STOCK AND SHAREDHALERS have BUSINESS in the undermentioned:— 44, THREADNEEDLE BUSINESS in the und

ave BUSINESS in the undermentioned;—
Birdseye, Mary Ann.
Rberbardt, Powell United.
South Aurora.
Rictlpse.
Kitty (St. Agnes).
Partics wishing to purchase or sell in the foregoing are requested to make

ITV application,
SPECIAL BUSINESS IN CAMP FLOYD SILVER MINE and SOUTH UTAH,
LAVINGTON AND PENNINGTON, SWORN BROKERS.

TO INVESTORS.-NOW READY.

AVINGTON AND PENNINGTON'S "MONTHLY RECORD OF INVESTMENTS," containing an exhaustive Review of the British and Foreign Stock and Share and Money Markets, &c., with an enumeration of safe investments, paying from 10 to 20 percent. Price ed. prcopy, or 5. annually. G. LAVINGTON and A. PENNINGTON, 44, Threadneedle-street, Loudon, E.C.

MR. T. E. W. THOMAS, STOCK AND SHAREDEALER, 3, GREAT WINCHESTER STREET BUILDINGS, E.C. Exambles 1857.

BARTLETT AND CHAPMAN, STOCK AND SHARE DEALERS, 26, CORNHILL, LONDON, E.C. "Handybook for Investors," price 19a, 6d., post free, "British Mines and Mining," price 2s. 6d., post free.

JOHN B. REYNOLDS, STOCK AND SHAREDEALER, 70 AND 71, BISHOPSGATE STREET WITHIN, LONDON, E.C., Is able to obtain reliable information concerning British and Foreign Mines. The long experience he has had is at the service of the public. And invites instructions concerning mines not dealt in on the London markes providing always that the undertakings are bona fide.

Ratablished Fifteen Years.—Bankers: City Bank.

MPORTANT TO INVESTORS IN BRITISH AND FOREIGN MINES, RAILWAY STOCKS, and other Securities of all descriptions. Dividends at the rate of 5, 10, and 15 per cent.

Consult Mr. JOHN B. REYNOLDS' SPECIAL LIST OF INVESTMENTS.

Sent free by post on application to JOHN B. REVIGIDS, Stock and Share Dealer, 70 and 71, Bishopsgate-street Within, London, E.C.

MR. W. TREGELLAS, 122, BISHOPSGATE STRRET

HARS at the closest market prices.

ECLIPSE GOLD MINE.—Accounts to hand this week from the manager repert
the result of stamping 100 tons of quartz to he \$2500 worth of free gold, or 2500
sterling; no doubt when the produce of the refuse is ascertained the result will
be a much larger return; this is highly satisfactory, and shows unmistakedly
that very large profits will be made when the present number of stamps (30) is
tucreased.

In addition to this, large returns of silver ore will come forward, when the
prospects are most cheering, and no doubt can exist in the mind of any rational
toling that the Eclipse Mine will rank a mongst the most successful of all the
gold and silver mines. There is an ample supply of stuff to keep the mills going
for many years.

MATTHEW GREENE, MINING OFFICES, PINNER'S
HALL, OLD BROAD STREET, LONDON, E.C.
M. G. transacts every description of Mining Business on the most advantageous terms.

Bankers: Bank of England—Messrs. Tweedy, Williams, and Co., Cornwall.

MR. THOMAS SPARGO, MINING ENGINEER, STOCK AND SHAREDEALER, 224 AND 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C.

EDWARD P. RICE, STOCK AND SHAREDEALER, 77, OLD BROAD STREET, LONDON, E.G.

Every description of shares bought and sold at the best market prices, for cash or account.

Bankers: City Bank.

ALFRED ENDEAN, STOCK AND SHAREDEALER,
22. NEW BROAD STREET, LONDON, R.C.
Business transacted in all marketable securities for cash or account.

TERRAS TIN—TO ENQUIRIES.—This mine should be inspected by a competent and trustworthy agent previously to embarking therein. Nominal price of shares. 25s. to 30s.

EBERHARDT and TAQUARIL should be bought.

All shares bought and sold at close prices, and the best advice given.

H. B. BYE, Stock and Bharebroker, 77, 00d Broad-street, E.C. (Established Twenty-five Years.)

PURCHASES AND SALES EFFECTED IN RAILWAYS, FOREIGN BONDS, &c.

THE UNDERSIGNED TRANSACTS BUSINESS
at NET PRICES in the following MINES (or hers not named BOUGHT or
SOLD if practicable):

Basset.
Great Laxey.
Bronfloyd.
Gt. No. Laxey.
Roman Gravels.
West Frances.
West Chiverton.

Basset, Bronfloyd. Bog. Bog.
Builer.
Carn Brea.
Cook's Kitchen.
Dolcoath. Dolcoath.
Drake Walls.
East Lovell.
East Basset.
East Seton. East Caradon. East Grenville.

Gt. No. Laxey.
Gt. No. Laxey.
Kitty (St. Ag.).
Margaret.
Mary Anney.
North Crofty.
Now Lovell.
North Roskear.
Providence.
Prince of Wales.
Plynlimmon. Plynlimmon. Parys Mountain. FOREIGN.

Roman Gravels.
Roman Gravels.
Rosewall Hill.
St. Condurrow.
Suth Grofty.
South France,
So. Carn Brea.
So. Rom. Gravels.
Spearn Moor,
Tankerville.
Tinerofc.

West Frances,
West Chiverton,
West Basset,
West Caradon,
W. Tankerville
Wheal Jane,
Wheal Uny,
Wh. Grenville,
Wheal Luey,
Wheal Crebor,
Wheal Agar,
Whoal Seton,

Alamillos. / Eclipse. Pacific. Taquaril.
Chontales. Eberhardt. Sweetland Creek. Utah, &c.
Don Pedro. Fortuna. Slerra Buttes.
Reliable information furnished as to the merits or demerits of many (unmaretable) mines strongly recommended by interested parties in private circulars. James Brenchley, Sharedealer, 32, Nicholas-lane, Loudon.—(Established Eighteen Years).

MR. T. R. COMYN, STOCK AND SHAREDEALER, 31, THREADNEEDLE STREET, LONDON, E.C., has FOR SALE, at

IVI 31, THREADNEEDLE STREET, LOADES, Book as the prices:

5 East Van, £9.

10 Klity (St. Agnes), 50 Travarrack, £3\(\frac{1}{2}\),

5 East Basset, £10.

5 Great Vor, £11\(\frac{1}{2}\),

5 Great Vor, £11\(\frac{1}{2}\),

5 So. Carn Brea, £6\(\frac{1}{2}\),

T. R. C. recommends the shares of the West Jewell Company and Cathedral, See reports of each in the present issue of this Journal. The agent's weekly report of the latter says the tin ground in the back of the adia, on Colonel's lock, is very much improved, stoping for 15\(\frac{1}{2}\), and worth at least £3 per fm.

Bankers: National Provincial Banker Sagisad.

The highest references given when required.

MR. JOHN CARTER, MINE AND SHARE DEALER,
CAMBORNE, CORNWALL (Son of the late Thos. Carter), transact
Business in every description of shares at close market prices of the day.
References exchanged when required.

THE EMMA MINE, UTAH.

CAPTAIN WM. EDDY, PENDEEN, PENZANCE, having lately returned from THE EMMA SILVER MINE, SALT LAKE CITY, UTAH, will be glad to give information respecting that property, and also on THE REDINGTON QUICKSILVER MINE, KNOXVILLE, LAKE COUNTY, CALIFORNIA.

THE NEW TREVEDDOE TIN MINING COMPANY

(LIMITED).

Registered under the Companies Acts of 1862 and 1867, whereby the liability of each member is strictly limited to the amount of his shares. Capital, £10,000 in 5000 shares of £2 each,

Capital, £10,000 in 5000 shares of £2 each,

10s. on application, 10s. on allotment, further calls if needed at intervals
of three months, and not to exceed 5s. per share.

If no allotment be made the deposit will be returned in full.
Share warrants issued to bearer for shares paid up in full.

DIRECTORS.

STEPHEN BURSTALL, Eag., Voriental Club, Hanover-square.
JAMES DAVIS, £3q., No. 2, Hariey-road, West Brompton.
CHARLES KERR CROUCH, E3q., No. 75, Old Broad-street, E.C.
HENRY F. WHITEFIELD, E3q., Solicitor, St. Columb, Cornwall. BANKERS-ALLIANCE BANK (Limited), London and Manchester. SOLICITORS-Messrs. SHEPPARD and RILEY, 38A, Moorgate-street, E.C.

SECRETARY-H. W. MATHIAS, Esq. AUDITOR-ADOLPHUS LEIGHTON GRAY, Esq OFFICES,-46, FINSBURY-CIRCUS, LONDON, E.C.

The object of this company is to purchase the lease of and work a valuable tin mine called the New Traveddoe, situated in the parish of Cardinham, one of the best in districts in the county of Cornwall, and is adjoining the Great Treveddoe Mine, one of the most ancient tin mines in Cornwall, which is now making large profits.

doe Mine, one of the most ancient tin mines in Cornwall, which is now making large profits.

The sett is about one mile long on the course of the lodes and half-a-mile wide, and is fully described in the reports annexed to the prospectus, and being situated on the banks of the River Fowey it can be fully developed by machinery worked by water-power, being one of the most important features in the mining. There are five very large distinct tin lodes, which have been worked on very extensively at the shallow depth of only 5 fms. by the ancient miners, the extent of those workings, and the many old smelting places in close proximity, show that enormous quantities of tin have been obtained near the surface.

A trial shaft has been sunk on the Tremoreland lode a short time since 3 fms. deeper than the former workings, and the lode was found to be 9 feet wide; it was stoped away for some distance, and was worth on an average £10 per fathom at the then low price of tin; at the present price it would be equal to £16 per fathom. The sluking of the shaft, driving the levels, and stoping the backs can all be done at an average of £2 per fathom.

The geological position of this property is all that can be desired, being at the function of the granite and killias. The Tremoreland lode for a very long distance divides the two formations, and will in the opinion of all practical miners who have inspected it prove extraordinary rich in depth.

The only contract entered into is dated 12th October, 1871, and is made between Henry William Mathias, Henry Thompson, Richard Rich, and William Dorry of the one part, and James Davis, as trustee on behalf of the company, of the other part, and is the contract for the purchase of the property, and may be seen at the offices of the soulditors of the company.

Propoccuses, reports, and forms of application for shares may be obtained at the offices of the company, and of the bankers and solicitors.

THE WALREDDON MINING COMPANY (LIMITED).

Incorporated under the Companies Acts, 1852 and 1867, whereby the liability of each member is strictly limited to the amount of his shares.

Capital £15,000, divided into 15,000 Shares of £1 each Of which 6000 are fully paid-up at once, and 9000 upon which a deposit of 2s. 6d. per share is to be paid on application and 2s. 6d. on allotment.

No further calls to exceed 2s. 6d. per share, at intervals of not less than three months.

less than three months.

All further liability will then cease, and share warrants to bearer may be issued to holders of ten or more shares, thus making the shares of the company pass from hand to hand like bank notes, without any expense of transfer.

DIRECTORS.

W. T. BRIDGES, Esq., J. P., Barrister-at-Law, Torwood, Torquay, WALTER MALLOCK GEE, Eq., 43, Mark-lane, London.
Lieut.-Colonel C. G. PRICEVAL, 1, Whitehall-gardens, London.
JAMES DAVIS, Esq., Harley-road, West Brompton.
C. K. CROUCH, Esq., 75, Old Broad-street, E.C.

C. K. CROUCH, Esq., 75, Old Broad-street, E.C.
SOLICITORS.

CRESSWELL J. TAYLEUR, Esq., Torquay.
Messrs. GRIFFITH and BROWNLOW, Bedford-row, E.C.
SECRETARY—H. W. MATHIAS, Esq.
LOCAL MANAGER—Mr. JAMES MURRAY, Torquay.
BANKERS.

WEST OF ENGLAND AND SOUTH WALES DISTRICT BANK, Torquay.
ALLIANCE BANK, Lothbury, E.C., and Manchester.
[OFFICES IN LONDON,—46, FINSBURY CIRCUS, E.C., TORQUAY,—VICTORIA PARADE.

PROSPECTUS.

PROSPECTUS.

The objects of this company are to purchase, and work with approved modern appliances, the mining grants of three extensive and well-known tin and copper mines, which are situate in the parish of Whitchurch, about one mile from Tavistock, in the county of Devon, formerly called "Anderton," "Rix Hill," and "Kast Crowndale."

The three setts adjoin each other, and occupy one of the best channels of mining ground in the county, extending about a mile from east to west on the course of the lodes, and nearly 45 mile from north to south. These properties are possessed of unusual advantages in respect of good roads, near proximity to Tavintock town and railway station, and abundance of water, having at the eastern portion of the sects a stream of water, included in the grant, adequate for all dreasing purposes, and on the west the River Tavy, from which extensive water-power can be obtained.

seased of cunsual advantages in respect of good roads, near proximity to Tavistock town and railway station, and abundance of water, having at the eastern portion of the setts a stream of water, included in the grant, adequate for all dreasing purposes, and on the west the Biver Tavy, from which extensive water-power can be obtained.

There are three known rich tin lodes (the middle and north lodes only have been proved), which run nearly east and west through Anderton and Rix Hill, and two copper lodes running parallel to the former through East Crowndale, the same lodes which have been extensively wrought upon in Crowndale Mine, which has produced copper ore of the richest quality, and for many years paid very handsome dividends.

In addition to these, a lead lode, which has not been proved, runs through a part of the property in a north and south direction. The tin lodes have been worked upon to a small extent in the Rix Hill and Anderton Mines by four distinct shafts, in addition to a small one on the north lode, and the levels driven from them; and the copper lodes by two shafts, the deepest sunk 70 fms, and short lovels afriven in East Crowndale Mine; but in neither case has a proper and miner-like prosecution of the setts been carried to any considerable extent.

The country in which these several lodes have been found is a basin or pan of Milas or clay-state, at a short distance from the grantle on two sides—a most favourable position for the production of tin in paying quantities. Near-the eastern boundary of the sett there is a large flookan or cross-course, about 14 fms, in width, crossing the lodes at a bearling of 40° south of east, while the lodes are about 8° north of east, beatles which there are two other cross course, about 14 fms, in width, crossing the lodes at a bearling of 40° south of east, while the lodes are about 8° north of east, beatles which there are two other cross course, about 14 fms, in width, crossing the lodes at a bearling of 40° south of east, while the lodes are the countr

considerable quantitation of the shafts and levels are cleared up, and large profits on water is out and the shafts and levels are cleared up, and large profits up water is out and the shafts and levels of a judicious economy, with the first are confidently looked for. It is now proposed to begin, in the exercise of a judicious economy, with the erection of a jet to 40-inch rotary steam-engine, to fork the water, draw the tinstuff, and to drive about 24 lends of stamps, because this power can during eight months of the year be supplemented by a water-wheel, propelled by the stream at the lower or eastern part of the setts, where the dressing operations for both mines can all be performed. For the present it is intended to confine operations wholly to the tin lodes in the setts, and as a great amount of dead work has already been done on them, it is thought that the present nominal capital will already been done on them, it is thought that the present nominal capital will already been done on them, it is thought that the present nominal capital will be already been done on them, it is thought that the present of the setts, and to admit of the company in general

be amply sufficient to develope them, and to admit of the company in general meeting deciding at a future period upon working the other parts of the setts, or otherwise extending operations as may be finally determined upon. The setts are held for terms of 21 years on the following favourable terms (from Midsummer, 1870), from the Right Hon. the Earl of Devon, at 1-20th dues for all minerals, and from July 25, 1871, from Mir. J. R. Willicock, at 1-24th for all minerals, and after paying profits 1-20th, free from water charges. The contract for the purchase of the setts bears date the 22th March, 1871, and is made and entered into between James Murray and Jacob Legassick, the vondring the company (Limited), of the other part, whereby the property is secured to the company.

Prospectuses, reports, and forms of amplication may be a set of the company.

Prospectuses, reports, and forms of application may be had of the bankers, solicitors, and secretary.

MR. W. WHITE, ASSAYER AND CONSULTING CHEMIST, in announcing the REMOVAL of his LABORATORY AND ASSAY OFFICE from Crown-court to much more commodious premises, 25, FINSBURY PLACE, near FINSBURY CIECUS, hopes to RETAIN the CONFIDENCE hitherto reposed in him.

Assaying taught. Lectures to Schools and Public Institutions.

THE NEWGASTLE CHRONICLE AND NORTHERN COUNTIES ADVERTISES. (ESTABLISHED 1764.)
THE DAILY CHRONICLE AND NORTHERN COUNTIES ADVERTISES Offices, 42, Grey-street. Novacastle-upon-Tyne; 50, Howard-street North Shields; 175, High-street, Sundarised

ISSUE OF 10,000 SHARES IN THE COLONIAL TRUSTS CORPORATION

(LIMITED).
Incorporated under the Companies Acts, 1862 and 1867.

Authorised capital £300,000, with power to increase. sue £150,000, in 30,000 shares of £5 each, of which 15,177 shares, with add thereon, are reserved for the shareholders of the Colonial Security ompany (Limited), and 4822 have been privately taken up, leaving 10,000 shares now to be subscribed for, on which it is proposed to call up £1 per share, payable as follows: 10s. on application, and 10s. on 15th January, 1872.

application, and too, on total sandary, 1612.

DIRECTORS.

The Right Hon. VISCOUNT BURY, K.C.M.G., M.P.
HUGH R. MONTGOMERIE, Esq., 17, Gracechurch-street.
JAMES W. MUTTLEBURY, Esq., 47, Cornhill.

ALFRED R. ROCHE, Esq., 31, Palmerston-buildings.
HENRY SEWELL, Esq., 14, Copthall-court.

(With power to add to their number.) SOLICITORS-Messrs. FRESHFIELDS. BANKERS-Messrs. GLYN, MILLS, CURRIE, and CO. SECRETARY-E. J. BURGESS, Esq.

31, PALMERSTON BUILDINGS, OLD BROAD STREET, E.C.

The Colonial Trusts Corporation (Limited) has been established for the purpose of making advances upon first mortgages of freshold estates in various colonies, either for the corporation direct, or on behalf of other parties for whom it may act as agent, of negociating Government and other securities, and generally for the transaction of business in connection with the British Colonies or elements.

elsewhere.

It is proposed to take over the business of the Colonial Securities Company, Limited (which has been in active operation since 1844), on terms which will enable the corporation, out of the profits of current transactions, to pay a dividend of 8 per cent. per annum, from the commencement of its business. By this arrangement the corporation will at once become possessed of a good substantial business, secure an influential connection, obtain the services in England and the colonies of an experienced staff, and thus occupy a favourable position for the employment of additional capital in operations which have been proved to be of a safe and profitable character.

It is intended to take over the business of the Colonial Securities Company (Limited), as on the ist January, 1872, up to which period interest at the rate of 8 per cent. per annum will be paid on deposits received to account of shares in this corporation.

Power is taken in the Articles of Association to accept from shareholders.

this corporation.

Power is taken in the Articles of Association to accept from shareholders paylent in full on the Articles of Association to accept from shareholders paylent in full on their shares, and the directors will be prepared to negociate, to limited extent, with those who may desire to do so, the shareholders making the payment to receive interest, at an agreed rate, on the portion remaining nealed.

uncalled.

The Memorandum and Articles of Association, together with the conditional agreement for the transfer, may be seen at the offices of the corporation, Applications for shares may be seen at the offices of the corporation, Applications for shares may be mede, on the annexed form, either to the bankers, Messrs, Glyn, Mills, Currie and Co., or to the secretary, at No. 31 Palmerston-buildings, Old Broad street, E.C.—November, 1871.

FORM OF APPLICATION FOR SHARES.

To the Directors of the Colonial Trusts Corporation (Limited).

To the Directors of the Colonial Transa Corporation (Limber).

GENTLEMEN,—Having paid to your bankers the sum of £, being a desist of 10s. per share, I beg to apply for shares of £5 in the above-named impany, and I agree to accept the same, or any less number that you may allot ome, and I request you to enter my name on the Register of Members of the company in respect of such shares.

Signature

Name in full

NEW COURTENAY MINING COMPANY,

In 1000 shares of £4 each. ON THE COST-BOOK PRINCIPLE.

Mr. JEHU HITCHINS invites subscriptions for a portion of theshares in this company. From a long and perfect knowledge of the mine he can confidently recommend it as a speculation of no ordinary character.

The mine is held on lease from the Earl of Devon, for 21 years from July 2, 1861, at 1-15th dues.

Some thousands of pounds have been expended in developing it at shallow levels, and 340 tons of copper ore have been raised and sold, for £1881 17s. 8d.

In one level a course of ore has been gone over for 39 fathoms long, worth £12 per fathom, and richest in the bottom. To work it deeper, however, it became necessary to errect machinery (for which there is ample water-power), and the insolvency of shareholders, owing to heavy arrears of calls, rendered this impossible lu the old company.

ossible in the old company.

The new company, now recommended (a great number of the shares in which are been taken up by holders in the old), is to be in 1000 shares, of £4 each in of the £4000 thus raised, £2000 is to be paid for the mine leases, &c., and 2000 to be working capital, which is considered sufficient to bring the mine into productive and profitable state.

No commission is charged, nor is there any promotion money whatever.

A committee of management will be formed from the first meeting of share-olders.

The following report is from the manager of the Prince of Wales:-

A committee of management will be formed from the first meeting of snare-holders.

The following report is from the manager of the Prince of Wales:—

Tavistock, Devon, Oct. 4.—Agreeable with your request, I beg to hand you my report on the above mine, which is situated in the parish of Tavistock, Devon. The sett is about 600 fms. long from cast to west, and 400 fms. wide, containing several east and west and one north and south lodes. An adit level is taken up within about 60 fms. of the eastern boundary, and driven west on a course of one of the lodes between 300 and 40 fms. Throughout the greater part of the drivage the lode shows a very promising appearance, varying in size from 1 ft. to 5 ft. wide, and yielded above £300 worth of copper ore. At the western extremity of this level a cross-cut is driven some 20 fms. north, and is within a short distance of a lode that has been very extensively worked on at surface by the ancients, the bottom of which has never been seen by anyone now living. Near the mouth of the adit a shaft 12 ft. long by 6 ft. wide has been surf 27 fms. perpendicular, at the bottom of which a cross-cut is driven north 11 fms., and the east and west lode intersected and driven on west about 90 fms., varying in size from 1½ to 3 ft., is composed of capel, peach, quartz, mundic, and copper ore, where many tons of the latter were raised and sont to market. In the western end the lode is 3 ft. wide, worth 1 ton of copper ore per fathom, the produce of the last 3 fms. being now on the mine for inspection. This point is near where the best lode was driven through in the adit, and about 18 fms. below where the tributers such in the bottom of that level, and broke several tons of copper ore. But in consequence of a great influx of water it was abandoned. In this level, about 30 fms. cast of the cross-cut from shaft, a north and south lode was met with, and driven on north 11 fms., the first 8 fathoms being worth full £12 per fathom for copper; it is also driven south about 49 fms., the first 32 fms

As there are only a few shares to be disposed of, Mr. HITCHING invites early applications to him, at St. Michael's House, Cornhill London.

MESSES. LISCOMBE AND CO., 29, SOUTH CASTLE STREET, LIVERPOOL. eg to inform their CLIENTS and the PUBLIC that they are PREPARED to 0 BUSINESS in ALL CLASSES of MINING SHARES—English, Foreign, and

Bog to BUSINESS in ALL CLASSES of MINING SHARDS—august, Colonial—at the closest market prices.

A Mining Engineer of great experience having recently joined the firm, they are in a position to make thorough inspections and surveys, and give first-class reports upon all metalliferous mines throughout the world. They are also ready to provide capital to any moderate extent for working bona fide mineral properties, no matter where situated.

Messrs, Liscomer and Co. have for sale at this present time shares in several must highly promising progressive mines, which are certain shortly to pay large most highly promising progressive mines, which are certain shortly to pay large

Messrs, LISCOMBE and Co. have for sale at this present most highly promising progressive mines, which are certa dividends upon a very small outlay. Full particulars will be forwarded on application to bo

MESSES. CAMERON AND CO., SHAREBROKERS, IN CHESTER, having a thorough knowledge of the Lead Mining Districts in Walts, are ENABLED to FURNISH the BEST and MOST RELIABLE INFORMATION on all WELSH LEAD MINES.

Messrs. CAMERON and CO. have FOR SALE a limited number of fully paid shares at £3 los. each in a valuable LEAD MINEs, which they strongly recommend for a great advance in price. The property is situated in a well-known and most productive district for lead. The shares are now selling at a premium, and will in a few months command a high price. Investors will do well by making an immediate purchase. Particulars forwarded on application.

WANTED, a good HEMATITE IRON MINE. Cumberland district preferred. Also, an IRON MANGANESE SETT. State price and particulars.

OFFICES: BRIDGE STREET CHAMBERS, CHESTER.

M. B. T. W. G. R. E. E. N. F. I. E. L. D.,
PUBLIC ACCOUNTANT, AUDITOR, STOCK AND SHARE BROKER.
Sales and Purchases effected in British and Foreign Stocks, Funds, Railway
Debentures and Preference Stock, Bank, Gas, and Mining Shares.
Furze Hill Tin Mine specially recommended.

M ESSRS. W. BRUNTON AND CO.,
SAFETY FUSE MANUFACTURERS,
REDRUTH, CORNWALL; AND BRYMBO, REAR WREXHAM.

Registration of New Companies.

The following joint-stock companies have been registered :-

GITANA LEAD MINING AND SMELTING COMPANY (Limited). Capital 50, 90., in 509 shares of 100, each. This is a mining, &c. company, for carrying on operations in Spain. The subscribers are—J. R. McLean, M.P., 2, Park-street, Westminster, 50 shares; J. Fowier, 2, Queen's-square-place, Westminster, 50; Edward Woods, 3, Storey's gate, Westminster, 20; R. Kitchin, 4, Parliament-street, 10; James Sopwith, Jun. 103, Victoria-street, 5; H. Oppenhelm, 15, Park-lane, 10; E. von Erlanger, 43, Lothbury, 20, ANGLO-AMERICAN OYSTER COMPANY (Limited).—Capital 50,000L, in 25,000 shares of 21. each. This sompany proposes to maintain oyster faberles

ANGLO-AMERICAN OYSTER COMPANY (Limited).—Capital 50,000l., in 25,000 shares of 2l. each. This company proposes to maintain oyster fisheries in England and America, and to deal in oysters and fish. The promoters are E. Coleman, 85, Gracechurch-street; W. F. Gordon, 7, Welbeck-street; J. S. C. Benneck, Lioyds, R.C.; Leonard Sedgwick, Junior Carlton Club; E. Schubert, 4, Westneinster Chambers; W. Edwards, Beckenham; and G. Farrar, The Pagoda, Blackheath, each of whom take 50 shares.

COLONIAL TRUSTS CORPOBATION (Limitted).—Capital, 300,000l., in 60,000 shares of 5l. each. This company is established to take off and carry on the business of an existing concern—the Colonial Securities Company (Limited), formed in 1864. This business is to make advances upon first morigages of freehold estates in various colonies, to negociate Government and other securities, and generally to transact business for and with the colonies. The subscribers are—Viscount Bury, M.P., 65, Princer-gate, 200 shares; J. Browne, J.P. United Universities Club, 200; H. E. Montgomery, 17, Gracechurch-street, 200; J. W. Muttibury, 47, Cornbill, 200; Henry Sweell, 14, Cophali-court, 200; A. R. Roche, 31, Palmerston-buildings, 200; P. Selby, 71, Prince's-gate, 200; W. Stephens, Milton, Gravesend, 200.

MOUNT DALBY SILVER-LEAD MINING COMPANY (Limited).—

ens, Milton, Gravesend, 200.

MOUNT DALBY SILVEB-LEAD MINING COMPANY (Limited). MOUNT DALBY SILVEB-LEAD MINING COMPANY (Limited),—
Capital, 25,000L, in as many shares of it. each. This is a new company for workmines at Mount Dalby, Patrick, isle of Man, and is started by gentlemen in the
North of England. The subscribers (who take up ten shares each) are—C. Dutton, 44, Stockport-road, Manchester; J. H. Lane, it, Wilson-street, Hardworth,
Manchester; J. Graves, i, Wellington-place, Longsight, Manchester; A. S.
Leell, 6, Fenchurch-street, Manchester; J. Rohan, Manchester: F. Hope,
Rusholme-road, Manchester; W. Armstrong, Sale, Cheshire.
ALLT-Y-CRIB SILVEE-LEAD MINING COMPANY (Limited),—Ca.
pital 40,000L, in 20,000 shares of 2L cach. To lease and work mines at Taiybout,
in Cardignashire, is the business of this joint-stock association. The promotera
are—James Collins, 8, Lorne-terrace, Stoke Newington; George H. Hutchinson,
35, St. Mary's-quare; T. J. Burlaw, 30, Alfred-street, Barnsbury; W. R. Menett,
19, Great St. Helen's; Frederick Clark, High-street, Tottenham; J. Neale, 43,
High-street, Ramsgate; Alfred B. Bumpus, 11, Chippenham-road, Harrow-road.
These each take one share.
CHAMPION GOLD AND SILVEE MINES COMPANY OF CALORING.

These each take one share.

CHAMPION GOLD AND SILVER MINES COMPANY OF COLORADO (Limited). Capital 75,0001, in 7500 shares of 101, each. The objects of this company are to purchase and work the "California" and "Champion" Mines, in Colorado, U.S.A. The directors are—P. Calian, M.P. Reform Club; Joseph Fry, Gresham House; William Hamilton, Glasgow and Manchester; James Ronnie, C.B.; Charles Reynolds; and Capt. T. H. Lowe, C.E., Idaho, Colorado.

I. X. L. GOLD AND SILVER MINING COMPANY (Limited).—Capital 10,0001, in 20,000 shares of 51, each. This company is formed to acquire and work the celebrated I. X. L. Gold and Silver Mines, in Silver Mountain District, California. The directors are—Viscount Ranelagh, Carlton Club; Siriawrence Palk, M.P., Haidon House, Devon; Major-General Charles Campbell, of Kinloch, N.B.; Col. Augustus Meyrick, 54, Park street, Grovenor-square, W.; F. Heathcote, Arthur's Club: Henry Syme, 15, George-street, Hanover-square.

Meetings of Mining Companies.

SILVER PLUME MINING COMPANY.

SILVER PLUME MINING COMPANY.

The first general meeting of shareholders was held at the offices, Winchester-street, on Tuesday,—Dr. Wadham in the chair.

Mr. Orchard read the notice convening the meeting.

The Chairman said the present meeting was held in pursuance of the Companies' Act, which provided that the first general meeting should be held within four months of registration; therefore the only actual business to transact was to receive the retirement of the directors; and, if it were thought proper, re-elect them, and also to appoint an auditor. The directors, however, had thought it their duty to submit to the shareholders as much information about the mine as they possessed. Possession was taken in July, therefore they had had it in their hands only about three months. During that time a considerable expenditure had been incurred in the erection of works and the obtaining access to the stopes to enable them to extract the ore. On account of the difficulty of getting labour, as much ore had not been brought to surface as could have been wished, but in a letter dated Oct, 23 the manager reports that "the mine is full of good miners; therefore there is every prospect of everything going on satisfactorily." Already one parcel of ore of 9½ tons had been shipped, which it was estimated would be worth \$300 per ton, but it had absolutely yielded 293 ozs. of silver and 16 per cent. of lead, realising 721. 18s, 11d, per ton, which was considerably more than the amount calculated by the manager. With that parcel there came a bag of picked samples, which upon assay by Messrs, Johnson and Matthey yielded an average of 3054 ozs, of silver and 60 per cent. of lead per ton. Mr. Ramage, of the London and Colorado Company, took a specimen which he had assayed, and it was proved to contain bag of picked samples, which upon assay by Messrs. Johnson and Matthey yielded an average of 3054 ozs. of silver and 60 per cent. of lead per ton. Mr. Ramage, of the London and Colorado Company, took a specimen which he had assayed, and it was proved to contain 2183 ozs. of silver to the ton; this sample came from a vein 2 inches thick, and, therefore, of a sufficient width to give a very high value to the whole of the mineral. Another assay, made by Prof. Richardson, showed that by the vet process the ore yielded 1000 ozs. per ton. Besides these 9½ tons, they had a parcel of unsorted ore of 5 tons en route, which the manager sent word they were to expect would sell for a greater amount than that realised for the 9½ tons already sold. A further 10 tons they expect left on November 5. Every report from the mine justified them in believing that the property is certainly what it was stated to be. Professor Richardson's report was not received until late in October, when copious extracts were forwarded to the Mining Journal for publication, and a copy forwarded to each shareholder. The professor spoke only of the Silver Plume, and said nothing of the Silver Star; both mines were upon one vein, each comprising 1500 ft., and really were one and the same lode. The Professor says there is \$500,000 worth of ore in sight, worth upwards of 100,000%. He spoke of the advisability of constructing a tramway for bringing the ore from the mine to the village, estimating the cost at about 400%. It would answer the purpose of the Snowdrift Mine, so that it might be made in connection with both companies. At present they had no idea of erecting reduction works, because the ore was so good and valuable that it would pay much better to continue to send it to Liverpool. As to crushing works, they were at Snowdrift. The poorer ores must be treated on the spot, which could only be done when reduction works shall have been much better to continue to send it to Liverpool. As to crushing works, they were at Snowdrift. The poorer ores must be treated on the spot, which could only be done when reduction works shall have been erected in the neighbourhood. The mine was really what it had been represented, and they might look forward to having a very considerable value out of it. Having stated that he should be glad to afford any further information, he said his first business was to ask the shareholders whether they would re-elect the directors whose names appeared in the prospectus, all of whom were willing to serve again. They were—Messrs. G. Batters, J. Carr, J. Heseltine, T. Orchard, W. Wadham, and W. Wood.

Mr. FIELD had much pleasure in proposing their re-election. —Mr. Andrews having seconded the proposition, it was put and carried unanimously.

Upon the proposition of Mr. FIELD, seconded by Mr. HESELTINE, Mr. Alfred Wilson was elected a director.

The CHAIRMAN hoped that at the next meeting they would be able to talk about dividence.

The CHAIRMAN hoped that at the next meeting they would be able to talk

about dividends.

Mr. J. W. WILLIAMSON believed that this was one of the best mines yet placed
upon the London market, and that it only required a little perseverance to make
it a great success. He believed that in Mr. Gray they had a most excellent, admirable, and efficient man, but he did not appear to see the necessity of scale-

upon the London market, and that it only required a little perseverance to make it a great success. Ho believed that in Mr. Gray they had a most excellent, admirable, and efficient man, but he did not appear to see the necessity of scaling home the ore as soon as it was raised. There was no reason why they should not have weekly, or at least monthly, returns. When at midleent, and promised that during the first year he would pay the shareholders more than 25,000. He urged the desirability of keeping the mine well before the public. Mr. First beald in a letter from Mr. Gray, dated Oct. 23, he stated that if he had not as yet produced as much ore as he estimated, the increased value of the rore raised was quite an equivalent. A full quantity of men were now at work, and before the end of January he hoped to be able to extract 10 tons of ore per week. Mr. Gray further stated that in eight or ten months the railway would be within a short distance of the mine.

The CHAIRMAN said the board fully appreciated the importance of keeping the mine before the public, and pointed out that one of the most satisfactory fillings in connection with this mine was that the quality of the ore wastar above what was represented—the ore taken, without selection, fetched more than all of the company. He had no reason whatever to doubt the results realized and directors, for the satisfactory manner in which they had conduced the affairs of the company. He had no reason whatever to doubt the results realized dend,—Mr. SMEDLEN having seconded the proposition, it was put and demand cannot for the board and himself, thanked the shareholders for this parks of directions of the state of the state of the board and himself, thanked the shareholders for this parks of directions, and stone the state of the state of

animously. The CHAIRMAN, on behalf of the board and himself, thanked the shareholders this mark of confidence, and could only say they would endeavour to do she

best they could to continue to merit it. There was no doubt they had a most valuable property, and that their most sanguine expectations would be fully verified. (Hear, hear.) — The proceedings then terminated.

THE COLORADO TERRIBLE LODE MINING COMPANY.

THE COLUMNATO TERMINICA COMPANY.

A special general meeting of shareholders was held at the City ferminian Hotel, Channon-street, on Monday, to consider a proposal the mines and other proporty of purchase for the sum of COLOMO. If the shareholders should be disposed to acquire the property upon the terms provisionally agreed upon, the following resolutions to be rought to the theory of the control of the con Richardson, who was the highest scientific authority in mining mat-ters in Colorado, spoke of the advantage that would be derived by the amalgamation of the Terrible and the Brown Mines, and Mrt Clark expressed a very strong desire that the Terrible Company should

become the possessors of the Brown Mine, Mr. Clark considering the latter to be of equal value to the Terrible. Therefore, the directors had come to the conclusion that it would be very advantageous to amalgamate the two mines, but when he was told the price was 100,000%. he gave up the idea. When he saw the Brown Mine it was not at work, having been attached for a debt; a certain quantity of ore had been taken out and was lying in "dump" under attachment. Upon reaching England he heard that Mr. Moffatt, who represented the bank at Georgetown, to whom the Brown Company was indebted, had offered the property for 100,000%. He at once said the price was too high. Mr. Moffat then offered it for 80,000%, and eventually agreed to take 60,000%. The board felt they would not be doing their duty, and would be incurring a very heavy responsibility, if they did not make the offer known to the shareholders, and take their opinion whether the business should be proceeded with. The directors were not in possession of information regarding the past produce of the mine; but they felt it incumbent to place the matter before the shareholders upon the condition that Mr. Teal's report should confirm Mr. Moffatt's statement as to the present productiveness of the mine. Mr. Teal had instructions to send home his report immediately. It appeared that the Brown Company started with a capital of 100,000%, of which the working capital was 10,000%. The company began by engaging a superintendent with a salary of \$10,000, and an assistant superintendent and secretary at a somewhat similar salary, the president receiving about double as much. The capital was expended upon surface works entirely useless. Hence the property became in debt and was attached. He strongly recommended the shareholders to proceed with the purchase, provided Mr. Teal's report be entirely satisfactory. The question before the meeting now was simply whether the shareholders were disposed to acquire the property upon the terms provisionally agreed upon.

Mr. Moffatt's t

salaries to themselves, and being extravagant in their working. When the last shipment of bullion was made the owners came to the bank and drew ad draft against it. The proceeds of bullion were appropriated, and the draft not paid; and nothing but dishonest management had brought the mine to its present condition.

The CHAIRMAN, in reply to a question, stated that there were 1460 ft. on the John Brown lode, 800 ft. on the Mammoth (which was identical with the John Brown) lode, 800 ft. on the Mammoth (which was identical with the John Brown). 800 ft. on the United States Coin, and 8000 ft. on the Glasgow, making allogether 6000 ft.

Mr. MOPFATT said the Coin was supposed to be as good a lode as the John Brown. The Brown Company had extracted a very large amount of ore, about 28 tons mouthly had been smelted in their own works, but they had never had any record of the total quantity got.

The CHAIRMAN said the directors had written to Mr. Teal to afford that information. It appeared from the statement prepared in April by Mr. Watson, the late agent and superintendent of the Brown Company, that in 185 301 tons of ore taken from the Brown, or Manmoth, vein, and smelted at the company's works, produced 59,81 tozs. of siver, being an average of 2183 cas. per ton, the assays varying from 91½ to 283 cas. per ton.

The CHAIRMAN sail rose were superintendent of the Brown or Manmoth lode in any year, but were informed that the mine had never been properly worked. When the directors issued their statement they were under the impression that the purchase maney for the mine must be paid by Dec. 15. He had been in correspondence with Mr. Moffatt with reference to the small amount be proposed to take in shares.

Mr. Moffatt had explained the reason, but if the shareholders would agree to authorise negociations to complete the purchase he would endeavour to extend the period, and also if there was any difficulty on this side with regard to capital would do his best to induce the shareholders of the Brown Company to take a large

WHEAL KITTY (ST. AGNES) MINING COMPANY.

A general meeting of shareholders was held at the offices, Austinfriars, on Thursday,—Mr. EDWARD KING in the chair.

Mr. J. HICKEY (the secretary) read the notice convening the meeting, and the minutes of the last were read and confirmed.

A statement of accounts was submitted, made up to the end of September, which showed a credit balance of 24212, 16s, 10d. The profit on the three months ending September amounted to 21951, 16s, 8d.

The tin sold realised 44261, 16s, 1d., and the costs amounted to 22301, 19s, 5d. The only liability was 1951, 1s, 5d., for dues on sales credited in this account, which deducted from the assets left the above credit balance of 24211. 16s, 10d.

The report was read, as follows:—

Nov. 14.—The sinking of the new shaft is completed to the 130, and the shaftmen are engaged driving south to cut the lode, which we hope to reach in about six weeks from this time, when we hope to flud it productive. In the 118 fm. level, driving west of shaft, the lode is worth for tin 121, per fathom. In the 116, driving west of shaft, the lode is worth for tin 121, per fathom. In the 116, driving west of shaft, the lode is worth for tin 181, per fathom. In the 106, driving west of shaft, the lode is worth for tin 181, per fathom. In the 106, driving west of shaft, the lode is worth for tin 181, per fathom, in the 106 the list of shaft, the lode is worth for tin 181, per fathom, which is communicated with the 82 good ventilation will be effected, which will be accomplished in about a month from this time. The driving of the 82 west is suspended until the communication referred to above is completed. The rise in the back of the 34 has much improved since our last report for the quarterly meeting, being now worth for tin 81, per fathom, with a very kindiy appearance. In the 83, on the old lode, driving west of Holgate's shaft, the lode is made and unproductive. Our stopes and pitches continue to yield their usual quantities of tin, and with the present price we see

is small and unproductive. Our stopes and pitches continue to yield their usual quantities of the and with the present price we see no reason why our present returns should not continue.—W. TEAGUE, S. DAVEY, J. WILLIAMS.

The CHAIRMAN said the statement of accounts just submitted could not fail to be most satisfactory to every shareholder, seeing that 50 tons of tin had realised a net profit of 21951. 16s. 8d. The whole of the merchants' bills have been paid under discount, and the only indebtedness is 1952, 1s. 5d. for dues on ores credited. Those shareholders who had been in the mine years were aware that they always received from the manager a most modest report, but that the results always surpassed expectations. He had hoped that the manager would have been able to attend this meeting. A letter had been received from Mr. Teague congratulating the shareholders upon the success of the mine, and referring to the fact that he had offered an extension of the sett westward upon the course of the lode.

Mr. F. W. MANSELL asked if the additional ground westward had been at all developed?——The CHAIRMAN said it was worked some years since, down to about the 40 fm. level, and was known as Wheai Friendly.——Mr. MANSELL said the general opinion was that there was a good mine in depth.

The CHAIRMAN said it was a continuation of the Kitty lode west, and could not fail to be of great value to Wheal Kitty, for the lode at every level was all most certain to be good; for since it was cut in the 24 it had been most productive in each level, adding greatly to the reserves. He did not know another tin mine that could be carried on at so small a monthly cost with such grand results. The monthly cost was shout 6181, including labour and merchant's bills.

Mr. MANSELL said they were singularly fortunate in having such a managers in the county, and every credit was due to him for the efficient and satisfactory manner in which he had developed the mine. (Hear, hear.)

The CHAIRMAN said that, besides an exceptional manager, they pos

were passed and allowed, and, with the report, were ordered to be entered upon the minutes. — The Chairman said that the committee had unanimously agreed to recommend a dividend of 7s. 6d. and a bonus of 2s. 6d. per share.

Mr. Mansell had much pleasure in proposing the distribution recommended by the committee. —Mr. Cheston seconded the proposition, adding that, although upon the present occasion the additional 2s. 6d. per share was proposed as a bonus, the mine presented indications justifying the hope that at the next meeting the committee would recommend a dividend of 10s. per share.

The Chairman, referring to the price of tin, stated that there was every reason to believe a further advance would take place, although personally he would rather see the present price fairly maintained than any appreciable further advance should take place.

A vote of thanks was passed to the Chairman for the explanations he had afforded in respect to the mine, and to the committee for their continued attention to the company's interests.

The Chairman having acknowledged the vote, stated that he had been identified with the mine for 20 years, and, therefore, it was very gratifying to him to see it yielding such grand results, the more especially as for many years it was a difficult matter to keep the mine going. But from the time the tide turned in their favour, and has been a career of great prosperity.

The meeting then separated.

CHIVERTON MOOR MINING COMPANY.

The general meeting of shareholders was held at the company's offices, Bishopsgate-street, on Thursday,

Mr. WARD (the Secretary) read the notice convening the meeting and the mitutes of the periods on, which was when delet histore of the periods and the mitutes of the periods on, which was the shall be and of 1605, 0s. 8h., and the subjected report of the agent was the substitute of the sem of 1605, 0s. 8h., and the subjected report of the agent was the substitute of the sem of 1605, 0s. 8h., and the subjected report of the agent was the substitute of the sem of 1605, 0s. 8h., and the subjected report of the agent was the substitute of the sem of 1605, 0s. 8h., and the subjected report of the agent was the substitute of the sem of 1605, 0s. 8h., and the subjected report of the sem of 1605, 0s. 8h., and the subjected report of the sem of 1605, 0s. 8h., and the subjected report of 1605, 0s. 8h., and the subjected report of 1605, 1s., and 1605, 1s., and

good working order, and everything is being forced on as fast as possible."

FRANK MILLS.—At the meeting, on Nov. 10, Capts. J. Cornish, F. Cornish, and N. Addems, in their report, said—"We have changed our pitwork in the engine-shaft, and put everything in connection therewith in first-rate condition, which we find is saving us at least 4 tons of coal per week. All the trauncada, shafts, levels, air-ways, and the mine generally, are in good repair, and we hope to be able to report an important improvement by the next general meeting, in either the 100, 115, or 130 north ends, now we have a prospect of forcing them on by full complements of men. We have two pitches working in the back of the 45, by four men, at 2l. 10s. and 5l. 10s. per ton tributes, and the men are carning good wages. The total number of persons we have at present employed is 190."

employed is 190."

BRADDA MINING COMPANY.—At a meeting of the directors, held at Douglas on Nov. 3, a very elaborate report of Captain R. W. Blckard, after having inspected the mine, was read, and which appeared to the directors to be highly satisfactory. After considering this report the directors feel bound to adopt the strong recommendation of Capt. Rickard—to Rish the erection of the engine on Spittail's shaft, with pumps, &c., and put down that shaft with all possible speed, and to carry out the other points of working as recommended by Capt. Rickard. Capt. Barkell quite approves of the working as recommended by Capt. Rickard. In intends to continue sloking the north shaft during the current month, and it appearing likely that the two lodes have already come together in the origine shaft, Capt. Barkell intends to put the shaftman to drive a cross-out at the 70 to intersect the east lode, and when out to drive north and south on that lode. Capt. Rickard says—"In conclusion, I do not hesitate to

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affirm that there are few speculations in mining that promise so favourably to become a great success as the Bradda Mine; and it only requires a little patience on the part of the shareholders, and perseverance in carrying out the best plan of developing the mine, to reach before very long the fruitful period of its history. I bear testimony to the efficient and economic way in which your works are conducted by your able manager, Capt. Barkell, who also gave me unreservedly and most willingly the information I needed."

BALMYNHEAR MINE.—The general meeting of shareholders was held at Falmouth, on Tuesday (Mr. S. Edmonds in the chair), and the accounts showed a debit balance of 4351. 19s. 9d. It was resolved that in future the tin be soil by tender. Capts. Tonkin and Harris reported that they expected to put in the new cylinder in about a month, and they will then considerably increase their returns. They have \$5 persons employed. They consider their prospects to be as good as they have been for any period of the last 12 months.

o be as good as they have occur for any period of the last 12 months.

WICKLOW COPPER MINING COMPANY,—At the meeting of sharenelders, on Oct. 11 (Mr. Octavius O'Brien in the chair), the directors' reporund statement of accounts, which were fully referred to in last week's Mining
fourmal, were unanimously adopted. A dividend of 21251. (2s. 6d. per share)
was declared; Messra. Barnes and Worthington were re-elected directors of the
company, and Mr. M. W. Hughes was appointed auditor. The resolutions are
described in another column.

FURZE HILL TIN MINING COMPANY.—The general meeting was held at Plymouth, on Tuesday (Mr. Kemps in the chair). It was stated that the whole of the shares have now been allotted. Capt. Doldge stated that the works were proceeding with all speed. Everything was being done that ought to be done to get at the stuff, and to deal with it after it was got out. In a week after they get the pump at work the water will be forked to the 20 fm. level. The Chairman stated that they had thirty-five men employed, and that everything was charged close up.

everything was charged close up.

NORTH LOVELL MINING COMPANY.—At the meeting, on Wednesday, the accounts for four months ending October, showing a credit balance of 621, 17s. 4d., were audited and passed. The agent's report, also special reports upon the company's mine from Capts, Richard Southey (of Truro) and John James (of Camborne), were also read. The Special Meeting, called for the purpose of taking into consideration the question of the unapplied for new shares, was adjourned until December next.

was adjourned until December next.

NANGILES MINING COMPANY.—At the meeting, on Wednesday, the accounts for three months ending September showing a debit balance of 14751, 8s. 2d., were received and passed, and a call of 8s. per share (4s. 2d. to liquidate the debit balance, and 8s. 3d. towards the current three months' expenses) was made. The agent's report gave rise to considerable discussion. It was ultimately determined that the local purser and the agent immediately place the position of the mine with regard to the old workings before the lords of the soil, and to suspend operations in the north part. Also, the agent was instructed to use the utmost energy to develop the south part of the mine by sinking the derick shaft below the adit level, extending the levels eastward, and cross-cutting south will all possible speed. The prospects of the south part of the property are considered highly favourable for making a good mine.

[The Meetings of other companies are published in this day's Supplement.]

SILVER MINING IN THE CALLINGTON DISTRICT.

TO THE EDITOR OF THE MINING JOURNAL.

TO THE EDITOR OF THE MINING JOURNAL.

SIR,—Some time since several letters were inserted in the Journal on the silver mines in the Callington district. Notably among your correspondents were Mr. Barnard, of the Queen Mine, and Mr. Pengilly, of Harrowbarrow. I would like to ask, through the Journal, what has become of these gentlemen and their pet scheme? We see occasionally a report from the agent on the Queen, but we hear nothing from Mr. Pengilly about those once rich old mines the late Capt. Malachi worked with such great success. I think in one of Mr. Pengelly's letters he intimated that a company was in course of formation to purchase the free-hold and rework them, and, if I mistake not, I saw some extracts from the prospectus advertised in the Journal. As several others as well as myself are much interested in this questi n, I shall feel obliged to Mr. Pengilly if he will state, through the Journal, if the company referred to is really in existence, and what prospects there are of the very large deposits of low-price sliver ores being turned to profitable account.—London, Nov. 15.

ONE INTERESTED.

SNOWDRIFT MINING AND REDUCTION COMPANY.

SIR.—Would you be good enough to correct that part of your report which refers to some assays of mine of Snowdrift ores, which appeared in last week's Journal. The samples, which yield respectively 1497 ozs. of silver and 1522 ozs. were not taken from the lode by myself. They were collected among a number of others from various mines by a person we employed during our visit to the nines in tolorada. I do not wish to imply that those samples are not perfectly bone fide cree taken from the Snowdrift lode, but I am naturally desirous that my name he attached only to those samples which I broke myself from the lode Morfa Works, Sucansea, Nov. 14.

BICHARD PEARCE.

[For remainder of Original Correspondence see this day's Supplement.]

PEDN-AN-DREA UNITED MINES,-Our reporting columns inform our readers that these mines have at last taken up a position on the dividend-paying list, an event which, besides being satisfactory to the fortunate shareholders who have survived the contrary winds dividend-paying list, an event which, besides being satisfactory to the fortunate shareholders who have survived the contrary winds and waves of misfortune, will be a source of gratification to the inhabitants of Redruth and the vicinity. Founded by the late Mr. S. Cardozo in 1854, the Pedn-an-drea United Mines Company has in 17 years called up 8t. 2s. on each of its shares. Hundreds of shares have been surrendered, and scores of adventurers have retired during the long career retered to; indeed, so disheartening has the aspect of affairs often been that the total abandonment of the "Bal" has very often been on the tapis. But Pedn-an-drea fortunately possesses, and attll possesses, some adventurers of the unexcitable and philosophical as well as opulent order, who were not to be frightened out of their property by adverse criticisms, or out of their faith in their scalous staff, as long as these were in a mood to stick by the ship and recommended steam to be kept up. The result is the declaration of the first, and we believe, not the last by many, of the Pedn-an-drea dividends. Since the re-opening of the mines in 1854 black tin has been sold from the property to the value of 265,2494, 11s. 40., but as, in order to produce this yield, it has been necessary to stamp about 50 tons of stone for each ton of the returned, the observant reader and adjuarned dividends. In fact, until recently nearly every farthing carned at Pedn-an-drea has been spent in the county of Cornwall, thus benefiting the local industries to a corresponding extent, and hence we are sure the adventurers, now that they have come to a favourable turn in the lane, will not fail to receive the congratulations of their nettined, and that in one section of the property to less than 800t, have been apent in placing Cardox's shart in operation for extraction purposes, thus bringing under command a large quantity of ground hitherto inaccessible or difficult of access. In depth the mines are opening out well, and their propects.

FLORENCE TIN MINE COMPANY.—Since the report on this mine, inserted in last week's Mining Correspondence, further improvements have taken place. A part of the lode has been taken down in the bottom end on the Millpool Standard, and it is far better than was reported. Being then covered with rust and slime, the agents could judge of it only from breaking off small portions here and there, but now its face is fairly shown it is found to be richer than then supposed. There is also a great improvement in the 10 end, on what is called Fisher's lode, which is yielding rich slabs of tin. They have also a splendid lode in the eastern end, on the Millpool Standard; it is 7ft wide, with tin all through it, but on the north side there is a part about 15 in. wide, very good indeed, and worth much more than 15, per fun. There is also a good improvement in the 10 west, on the so-called Fisher's lode. The rapid development of this mine is most satisfactory, and on comparing the values of some of the points with those of the same lodes in the adjoining mine of the Great Western Company, as reported in the Journal of Nov. 4 (p. 863), it is obvious that the lodes become richer in depth. Fisher's lode, which is the Florence Mine, at the 20, is worth 201, per fm, and reported in the Great Western Company's Mine at the 40 as being worth from 201, to 461, per fathom; and Capt. Rogers stated at that meeting that from 501, to 661, per fathom; and Capt. Rogers stated at that meeting that from 501, to 661, per fathom would be a nearer estimate of its value at that depth. The prospects of this mine are excellent, and the directors have resolved at once to erect a more powerful engine for pumping, and to employ their present engine in winding and working the stamps, a large addition to which is required.

SOUTH CARN BREA .- No one has yet furnished you, that I have SOUTH CARN BREA.—No one has yet furnished you, that I have seen, any particulars relating to the locality or situation of this mine, now causing a great deal of sensation in Cornwall and elsewhere. South Carn Brea is an extensive sett, and in the very centre of the best mines that ever have been in Cornwall or anywhere else. Immediately to the east is Wheal Uny. Adjoining to the south stand the celebrated North Barset, East Basset, Wheal Buller, and Wheal Basset. To the south-west are West Basset, South Frances, and West Frances. To the north and west you have Carn Brea, Tincroft, Dolcoath, and many other rich mines; and I would remark that during the last 20 years those mines have given to the holders dividends to the amount of over 1,500,001, and many of them are now paying annually almost fabilous amounts. South Carn Brea stands on the eastern and south slope of Carn Brea hill, and was worked formerly by Measrs. Thomas and Co.'s party. The eastern shaft was sunk by them to the 150 under adit, and successive levels driven east at some 10 fms. between each other. The present party made the 130 the ploneer one, and here, some 20 fms. behind the present end, a splendid lode was discovered, and has varied in value from 1301. to 231, per fathom for all the distance driven; and, asset the horizon price of ground remaining to be driven through up to the cross-course, and which is the boundary between this mine and Wheal Uny, not the slightest doubt is entertained but that it will continue its productiveness the whole of the distance. Other levels are being driven over and under the 130, and when further advanced the same results will certainly be found. A rise is being put up in the back of the 130, in a splendid lode of grey copper ore, entirely in whole ground to surface, and which is some 140 fms. high. From overy reasonable opinion formed of this block of ground, it is not too much to calculate on largely increased returns, and a continuation for many years to come, and which is the light for some parts and whic articulars relating to the locality or situation of this mine.

MINING NOTABILIA. [EXTRACTS FROM OUR MINING CORRESPONDENCE.]

WHEAL DANIEL (Chacewater).—We are glad to hear that the works in this new mine are being pushed on with all speed, and that what has already been done has given great satisfaction to the adventurers. The 50-in, engine has been put to work, and has forked the mine to the 18 fm. level, where it appears that large quantities of tin have been extracted, and any amount still remains, worth, from the samples which have been tried, 64-18s, per ton of tinstuff. Shares are in demand at 2t. to 2t. 10s., but there are hardly any sellers at that price, as it is believed that Wheal Danlel will prove to be a prize before long, should the lode in the 48. which the late adventurers were expecting to cut every day, prove to be as valuable as it is in the higher levels. The next meeting will be held in about a fortnight, when the manager will have a very encouraging report to lay before the shareholders. We may mention that there is great talk of Wheal Danlel's neighbour, Great Wheal Busy, going to work. We only hope it may be true, as it would be a great blessing to Chacewater and the neighbourhood, to say nothing of the profit it would be making, considering the present price of tin.

BLENCOWE CONSOLS TIN MINE—FAST SHAFT SINKING,—During

neighbourhood, to say nothing of the profit it would be making, considering the present price of tin.

BLENCOWE CONSOLS TIN MINE—FAST SHAFT SINKING.—During the last four weeks the above company have had their engine-shaft sunk 6 fms. 1 ft. 2 in. by nine able Cornish miners; the size of the shaft is 12 ft. long by 7 ft. wide; the size of the sinking lift is 16½ in. working barrel, going 3½ strokes per minute; longth of stroke, 10 ft. 6 in. I find the said shaft has been cased and divided, and ladders fixed 12 fms.; this has also been done within the last four weeks. The strate are everything that can be desired for the production of tin, and I must confess I have never seen so much work accomplished by nine miners in so short a time before in the county.—A Consist Minera.

OLD TREBURGETT.—The last week's report from this mine shows that a great improvement has taken place in the bottom level at the south part of the mine. The lode here, as far as cut through, is 6ft, wide, producing sliver-lead to the value of 20t, per fathom; and, as there are 20 fms. of backs at once to operate upon, the value and importance of this part of the mine will at once be seen. Another sale of ore this week shows that the sliver-lead keeps its high value of 23t, 10s. 6d. a ton, and a small parcel of sliver ore has realised at the rate of 39t, per ton.

ate of 391, per ton.

The ST. AGNES CONSOLS engine-house is up, and the works are

rate of 23%, 198., per ton.

The ST, AGNES CONSOLS engine-house is up, and the works are progressing rapidly. With full number of men on, the mine, in the judgment of those well quanified to form an opinion, is certain to be a great prize.

WEST LLANGYNOG (Silver-Lead).—In driving the cross-cut they have intersected a branch of quariz spotted with copper ore, &c. Capt. Thomas, late manager of the old Llangynog Mine states that it is precisely of the same character as they had in the old mine before reaching the main lode, which lode they are now pushing on with all speed to intersect in the deep level.

FLOBENCE AND TONKIN.—The ground lately granted to this company, known as the Pengelly Estate, is a very great acquisition, going, as it does, a considerable length on the lead lode, which shows such magnificent goes an at surface, as well as containing several east and west lodes of great promise, two of which have been cut by costeaning, presenting very strong backs. The one nearest the Florence main copper lode, and parallel with it, is over 12 ft. In width, containing great quantities of the most splendid gossan, with every prospect of a great deposit of mineral at a comparatively shallow depth. This alone, to say nothing of the lead lode traversing the whole length of ground from north to south, is sufficient to warrant very high expectations as to the future of the mine. Several mining gentlemen of high standing visited the property on the 13th inst., and were greatly delighted at seeing the magnificent gossan from this massive lode. The shareholders are to be congratulated on this valuable addition to their property.

OKEL TOR.—This tin mine is developing itself in a most satisfactory manner indeed. In the 80 cross-cut north, which has been driven from the obe equally productive for tir, the lode here is also very large. The new revolving calciner goes to work this coming week, and preparations are making to erect a new winding-engine, so as to keep the present winding-engine always stamping. The additiona

FOREIGN MINES.

FOREIGN MINES,

St. John del Rey.—Morro Velho, Oct. 17: Morro Velho procuce for September, 10,932 olts., from 4267 tons of ore; yield, 2555 olts, per ton. Morro Velho cost for September, 42021; profit, 1741. Morro Velho produce seven days of October, 2555 olts.; yield, 2535 olts. per ton. Gala produce for Sept., 319 olts., from 632 tons; yield, 1469 olts. per ton. Gala cost for September, 2141.; Gala los., 1581. Remittance received 23,6 olts. per 22716 bs. troy. Sinking new shaft 15 days in October—A, 1 fm. 2 ft. 2 in.; B, 1 fm. 5 ft.

Don Pedro North del Det.—Report for September: Produce, 14,054 olts., at 8s. 6d. per olt., 59721. 19s.; cost, 35301. 12s. 9d.; profit, 24421. 6s. 3d. Attendance fair, and operations carried on with energy. The produce amounts to 14,054 olts., at 8s. 6d. per olt., 59721. 19s.; cost, 35301. 12s. 9d.; profit, 24421. 6s. 3d. Attendance fair, and operations carried on with energy. The produce amounts to 14,054 olts., at the adit the works have been prosecuted with vigour, and 80, 8 shoot intersected at two points. The 25 north has been discontinued, but one eastward, on No. 6 shoot, has been pushed on. The lode at Bryant's where intersected is 14 fathoms west of No. 8; should it turn out to be a new shoot it may become of great importance to the company, giving us a large extent of fresh sloping ground. Bryant's level is 7 fathoms perpendicular above Alice, and 65 fathoms on the dlp above the 25 fm. level cross-cut.—Mine: The stopes have yielded well, though the lines have not given box work of so high a standing as formerly; those in Curve and Canoa have been fluctuating, but in the latter to date there is an improvement, and the former remains disturbed. The lode encountered at Bryant's has been opened on in a southerly direction, but at present is poor, being so far west of any lodes at present wrought it may turn out to be a new shoot. At the exploratory works there is nothing new to report on, either at Tambor or Mate das Coiras.—First Division of October Remittance, 27,821 olts.

ive been obtained.

ROSSA GRANDE.—Report for September: The sanitary state has
seen favourable, attendance of force fair, and the works have been pushed on

have been obtained.

ROSSA GRANDE.—Report for September: The sanitary state has been ravourable, attendance of force fair, and the works have been pushed on with vigour. The pumping-machine at the Bahu Mine was put regularly to work on the 16th inst., and is doing excellent duty; the sinking of the shaft slace then has gone on more speedily, and after the whim for hauling stuff is finished, which will be done by next month, we shall be able to sink about 3 fms. per month. There are no changes to note in the appearance and quality of the lode at the Cachoeria Mine, but to go on with our work in this mine we shall require a shaft very soon for ventilation and convoying stuff; all needful preparations at surface have been made for sinking the same. At the Caco denothing has occurred calling for remark.—First Division of October: Nothing worthy of note has occurred in the mine department since last commented on. The weather continues favourable for our surface operations, and the works at the different sections are progressing well.

ANGLO-BRAZILIAN.—Report for September: Passagem: The produce for the month amounts to 613 oits., from 286 tons, average 2:15 oits, per tow. Total cost at Passagem, 4601.0s. 7d. The result for the month may be viewed as astisfactory. The treatment of general stone, principally from Dawson's stopes, north and south, shows an improvement of 0:60 oits, per ton compared with the month of August, and 1:36 oits, against that of July. Various trials by the arrastre give a produce of 4 to 18 oits, per ton.—Pitangul: The new approach of the wet season explains the continued heavy cost, having to considerably increase the force, so as to complete as much as possible all surface works now in hand.—Hoskins's Level: The 44 fms. of drivage length calculation works mow in hand.—Hoskins's Level: The 44 fms. of drivage length calculating water shoot, as referred to in my August report.—Francisco: Anto Shoot: Incline and vertical shafts advancing slowly; at the former, the greater part the month has been

the wet season, there being no immediate call for same.—Surface Works: The greater part of the total force has been engaged on water-course, taking up dead levels, and erecting launders.—First Division of October: Pitangul: Surface works are progressing slowly, owing to the wet season. However, under every disadvantage, thope to solve the problem of the existence of gild by the month of January, which I feel certain we shall have.—Passagem: So far our trials have succeeded with the jacotings at Buracco Seco, and I hope by next mail to give you the result of over 500 tons.

GENERAL BRAZILIAN.—Report for September: The shallow adit at Itabira has given trouble, but all other points of operation have proceeded well, and the amount of work done highly satisfactory. Explorations have been carefully attended to, and samples showing gold have occasionally been met with. The weather is fine, and surface works advancing apace. Force satisfactory, and materials and provisions plentiful.—Firth Division of October: Reverywhere the operations continue to advance fairly, except the shallow adit No. 1s progressing satisfactorily, and the same may be said of the shallow adit No. 2. At the old adit a shaft has been commenced, and sunk fams.; debris surfferous. We intend, if possible, to sink 6 ft. further, and if the shoots are not met with in the shaft, to cross-cut to meet them. We feel anxious to strike the shoots, in order to test their value, and no effort will be spared to attain this object. We have encountered water, but so far nothing more than can be mastered by a California pump. At Itabira, the middle adit and Moore's shaft are advancing satisfactorily. At Lavra de Actima the cross-cut driven by us 10 ft., some months since, and then filled in, has been re-opened, driven 6 ft., and entersected an auriferous vein left near the surface by the former proprietors; it averages 14 in. by 2 ln. We have taken it away for about 3 ft. in length, and washed it by hand, which produced 170 oits. of gold. The surrounding debris w

It has all been taken away. Below our intersection I am led to believe this vein is entire, but this romains to be proved, which will be done shortly by commencing another excell further down the valley—this vein will be called the Souras vein. The weather is fine, and surface works are proceeding apace. The health of the establisher is fine, and surface works are proceeding apace. The health of the establisher is fine, and surface works are proceeding apace. The health of the establisher is fine, and surface works and provisions plentiful. Produce to date, 170 is about the same. Materials and provisions plentiful. Produce to date, 170 is about the same. Materials and provisions provided in the provided in th

north side of the shaft.

VAL ANTIGORIA (Gold).—Thomas Roberts: The incline shaft was sunk in October 7½ metres, and is now under the 30 18½ metres, and we hope to get down for a 40 fm. level by the end of next February. The lode in the 30 end, driving south, is small, yielding about ½ ton of ore per fathom; towards the bottom of this end the lode has more cavities, and has a much better appearance for ore. No. 1 stope, in back of the 30, yields ½ ton per fm.; No. 2 stope, 2 tons; and No. 3 stope, 3 tons. The stopes in back of the 20 are worth 2½ tons per fathom. We amalgamated for October 55½ tons, which produced 34 ozs, 8 dwts. 29 grs. of gold. The provision of mill-stones for the winter months has been delivered.

per fathom. We amaignmated for October 55% tons, which produced 34 ozs. 8 dwts. 22 grs. of gold. The provision of mill-stones for the winter months has been delivered.

PESTARENA UNITED.—Consigned yesterday to Signor C. Menozzi the gold for October, one ingot from Pestarina, obtained from 128 tons of ore, weighing 86 ozs. 17 cwts. 21 gr.; and four ingots, from the Val Toppa Mine, 561 oss. 11 dwis. 3 gr., from 556 tons of ore; Total. 448 ozs. 9 dwts., from 631 tons of ore.—Mines: The whim-shaft sinking under the 33 in Aquavite yields 5 tons per fathom, worth 8 dwts. per ton. Good progress was made last week in hauling away the old stuff lodged in this level. The lode in the 23 end south yields 6 tons per fathom, worth 8 dwts. per ton. No change in the cross-cut west.—P. schlera Mine: The 55 end north is being cleared by a small pare of men. The 46 end driving south towards Pozzone combinues to yield good stones of ore. The 33 end north, on No. 5 lode, is poor. The stope in back of the 35, on No. 2 lode, yields 7 tons, at 10 dwts., it he north stope in bottom of this level 5 tons, at 10 z.; and south of cross-cut 5 tons, at 10 dwts. The stope in back of the st., at 12 dwts.; and the stopes in the bottom of this level 5 tons, at 10 dwts. The stopes in the bottom of the 20, near the boundary winze, yields 6 tons per fathom, at 16 dwts. The stopes in the lottom of the 20, near the boundary winze, yields 6 tons per fathom, worth 12 dwts, end in Zero level; by cutting into the eastern side of the level we are, up to the present time, in 2 ft. A trial made of this ore shows it to be worth 1 oz. 5 dwts. per ton. We are clearing and securing the old Zero level, with a good pare of men, so as to get further south to commence another cross-cut west to the side lodes.—No. 1 Level: The lode in the end driving south on the western part of the cutting into the eastern side of the level we are, up to the present lime, in 2 ft. A trial made of this ore shows it to be worth 1 oz. 5 dwts. per ton. We are clearing and securing the

yield 8 tons, at 14 dwts. In the second cross-cut we have a change of ground, with voins of quartz carryling lead, and we expect shortly to reach a good lode.

—THOMAS ROBERTS.

LANESTOSA.—Spain, Nov. 8: Asuncion: At this place we are clearing a run in San Tomas adit, and are now in 17 metres. There is some appearance of our being nearly through the choke, when, from all accounts, there will be a firm level to the end. It is very clear from the burrow at the mouth that one lode has been cut through, and it is said lead was raised from it. Accounts vary as to the distance to be driven to intersect the irrain lode. I do not think it can be great. As soon as the end is reached a section shall be sent, showing this ground. At surface, the main lode spoken of is large, and very promising, and considerable quantities of both calamine and lead have been raised from it. As shown in cost, 100 Rs. has been paid to cut a cart-road to the mouth of the adit, so that timber, &c., may now be carried there direct.—Agustins: Here we have commenced to clear out Bascula shaft. Not knowing the exact position of the shaft, we have to clear out a large quantity of ground, to reach, if possible, a point where something of the outline can be seen. From all appearance the shaft has not gone together far down, so that, once reaching the old framework unbroken, we shall be able to proceed with facility. This shaft, as before described, is in the centre of the chief calamine deposits, so that, reaching the bottom, we shall at once proceed to develope this deposit, and also a parallel one, to which there is a cross-cut. This work, I consider, will be a most satisfactory trial of the calamine veins at the most favourable points. The work will be pushed vigorously; up to the present it has been retarded for want of timber, and should it not come in soon, it will be necessary to get a small sloop load from Santander.—Santa Lucla: In this mine we have no work, but a tribute pitch or the flat bed, they were called to the slope of the mountain. wide, and worth fully I ton per fathom, but the place is small and shallow, so that not much can be said for it yet. Further south we have taken up a deep adit on this lode, which will be pushed forward directly the timber expected comes in. The adit will be driven on the lode.—La Luisa: In this set we have to been opening on the back of one of the principal lodes through ancient works; some 6 fms, depth has been reached without seeing the lode, thus showing the sold works to be deeper than anticipated, which may be taken as a favouable only only the seeing the lode, thus showing the old works to be deeper than anticipated, which may be taken as a favouable ones, especially so in that we have found a good many stones of solid lead in the debris. Two deep adits have now been taken up, to prove the largest and most promising lodes—one called La Ventura adit and the other Cubillo adit; the latter will be on the lode direct, but the other will have a solor cross-cut, and will intersect two or three lodes before reaching the one on which we pape and the interpretation of divage, will reach a point where the lode has a most promising appearance at surface, being over 8 fms. cross-cut before reaching the one here quickly.—Giannafon: A deep adit is being commenced at the south of the sett, which will have about 8 fms. cross-cut before reaching the lode. Appearances at surface are very promising, there being two large lodes within 10 fms., that have extensive old works.

LINARES,—Nov. 8: The lode in the 85 fm. level, west of Crosby's shaft, is small, with stones of ore, yielding ½ ton per fathom. In the 75, west of Crosby's shaft, bence is a good lode in the back of the end, producing ½ ton per fathom. In the 75, west of San Francisco's shaft, the lode is small and poor. The lode is small in the 75, west of San Francisco's shaft, consisting of quarks, with good stones of ore, yielding ½ ton per fathom. The tofs, west of San Francisco's shaft, the lode is amali and poor. The lode is small in the 75 west of San Francisco'

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sefm.level, west of Taylor's engine-shaft, contains stones of ore, and is of a semising appearance. The lode in the 85, west of Taylor's engine-shaft, contains stones or year and is of a semising appearance. The lode in the 85, west of Taylor's engine-shaft, the folders of the stone of the

The struct east of Addis's shaft, and in powerful lode, yielding 2 tons by fairned.

FORTUNA.—Nov. 8: Canada Incosa: In the 110 fm, level, west of Henty's shaft, the men have cut a good plat, and will resume the driving of the id in a few days. The lode in the 100, west of Henty's shaft, is small and compact, yielding 1 ton per fathom. In the 80, south of Henty's shaft, the men are put to drive east of cross-cut, on the course of the lode; it is regular, and contains stones of ore, but not enough to value. The lode in the 60, east of San Padro shaft, contains good stones of ore occasionally. The lode in the 90, east of Addis's shaft, is large, and of a kindly appearance, yielding 34 ton per fm. in the 80, west of Lowndes's shaft, the lode has improved in the last few days, producing 1 ton per fathom. The 80, east of Lowndes's shaft, has reached soft goand—decomposed granite—which has disarranged the lode.—Shafts and Winses: The sinking of Judd's shaft below the 90 has been hindered by a infus of water; this will be drained by a cross-cut under it in the 100 fm. level, producing 1 ton of ore per fathom. The men are getting on very will with lowndes's shaft, below the 89. Serrano's wire, below the 70, is alturated east of Caro's shaft, and in advance of the 80 fm. level, yielding 2 tons per fathom.—Los Salidos: The lode in the 110, west of Buenos Amigos englace-shaft, is good is the bottom, but in the upper part it is of little value, producing 3½ ton per fathom. The lo0, west of Buenos Amigos englace-shaft, is now passing through a strong cross-course as little to the west of San Carlos shaft. The lode in the 80, west of San Carlos shaft, is compact, and of a kindly appearance, yielding 1 ton per fathom. The lode in the 10, cast of Morris's engine-shaft, its producing 1½ ton per fathom. The lode in the 10, cast of San Carlos shaft, is resumed; the lode were small at present. The 25, west of Palgrave's shaft, is in mproving, producing 1½ ton per fathom. The lode in the 10, cast of Buenos Amigos shaft, below the 2 FORTUNA.—Nov. 8: Canada Incosa: In the 110 fm. level, west of

ment worthy of notice. The surface works are going on very regularly, and the machinery throughout the mine is in good condition. We estimate the raisings for November at 350 tons.

ALAMILLOS.—Nov. 8: The lode in the 60 fm, level, west of San Raisel's shaft, contains good stones of ore, yielding ½ ton per fathom. In the 60, east of San Francisco shaft, the lode is small, with occasional stones of ore, yielding ½ ton per fathom. In the 60, east of San Francisco, there is no improvement. In the 50, east of La Magdalena's shaft, the lode is very small, and the ground hard for driving. The lode in the 75, east of Taylor's engine-shaft, has somewhat improved, producing 1 ton per fathom. In the 50, west of San Jago's shaft. The upper part of the 40, east of San Victor's shaft, is in the slide, while in the bottom there are good stones of ore, yielding ½ ton per fathor.

The 50 cross-cut, south of San Victor's shaft, is being put out from the bottom. In the 50, east of Crosby's, is opening good tribute ground, producing 1½ ton per fathom. The 60 cast of Addis's shaft, the lode is small and poor. The 40, east of Crosby's, is opening good tribute ground, producing 1½ ton per fathom. The 60 cast of Crosby's cross-cut, is improving a little, yielding ½ ton per fathom. The 50, east of Crosby's cross-cut, is improving a little, yielding ½ ton per fathom. The 50, east of Grosby's cross-cut, is upproductive at present. The 40, west of Crosby's cross-cut, is upproductive at present. The 40, west of Crosby's cross-cut, is being driven cast of the cross-cut that was put out south from San Victor's shaft, is strong, and of a promising appearance, but does not continue ago, yielding 1 ton of ore per fathom. The lode in the 40, west of San Victor's shaft some time ago, yielding 1 ton of ore per fathom. The lode in the 40, west of San Victor's shaft, is strong, and of a promising appearance, producing 1 ton per fathom. In Reye's winze, below the 30, the lode being quite cut off by the main silde the sinking is suspended. In Alejandr

[For remainder of Foreign Mines see to-day's Supplement.]

WATSON BROTHERS, MINING AGENTS, STOCK AND SHAREDEALERS, &c., 1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

MINING AGENTS, STOCK AND SHAREDEALEES, &c.,

1, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

SATURDAY.—A further rise in tin has caused a great demand for shares in tin mines. Carn Brea, 147½ to 152½; Cook's Kitchen, 38 to 40; Dolcath, 222½ to 227½; Great Vor, 10½ to 11½; New Lovell, 2½ to 2½; Tinctoft, 51 to 52; West Basset, 9½ to 10; Bullor, 22½ to 35; Kittly (St Agnes), 13 to 13½; Eclipse, 228. 6d. to 25; Pacific, 4½ to 4½; Eberhardt, 18 to 19.

MONDAY.—Shares in tin mines continue in demand, and stocks very short. Cook's Kitchen, 38 to 40; South Frances, 85 to 60; West Caradon, 3½ to 3½; North Boskear, 22 to 22; South Frances, 85 to 60; West Caradon, 3½ to 3½; North Boskear, 22 to 22; South Frances, 85 to 60; West Caradon, 3½ to 3½; Yest Frances, 30 to 51; Great Vor, 10½ to 11; New Lovell, 18 to 14; West Chiverton, 17½ to 18½; West Tankerville, 2½ to 3½;; Utah, 8 to 3½; South Aurora, 2½ to 23½; Pacilic, 4½ to 4½; Eberhardt, 18 to 18; Tincroft, 60 to 62½; Was del, New Lovell, 2½ to 2½; Roman Gravels, 11½ to 18; Tincroft, 60 to 62½; Van Consols, 22s. 6d. to 25s.; Grenville, 9 to 9½; West Caradon, 3½ to 4; Tankerville, 16½ to 17; Chontales, 1½ to 18; Eberhardt, 18 to 19; Eclipse, 22s. 6d. to 22s.; Utah, 8 to 8½.

Weddenshar.—Settling-day, With the exception of a rise in Grenville, Cook's Kitchen, East Van, Great Laxey, and Utah shares, there is little alteration in Peterday's prices. Grenville, 9½ to 10; Cook's Kitchen, 29 to 40; 20 to 230; Great North Laxey, 27s. 6d. to 30s.; Tankerville, 16½ to 16; Cottes 18 to 40; East Van, 8 to 8½; Great Laxey, 14½ to 15½; Utah, 8½ to 9½; Dolcoath, 220 to 230; Great North Laxey, 27s. 6d. to 30s.; Tankerville, 16½ to 16; Cotk's Kitchen, 50 to 40; East Van, 8 to 8½; Great Laxey, 14½ to 15½; Utah, 8½ to 16½; Cook's Kitchen, 50 to 40; East Van, 8 to 8½; Great Laxey, 14½ to 15½; Utah, 8½ to 16; Cotk's Kitchen, 50 to 40; East Van, 8 to 8½; Great Laxey, 14½ to 15½; Cook's Kitchen, 50 to 40; East Van, 8 to 8½; Great Laxey, 14½ to 15½; Cook's Kitchen, 50 to 40; East Van, 8 to 80; East L

SEPARATING SILVER AND OTHER METALS FROM COPPER ORES. According to the invention of Mr. F. CLAUDET, of Coleman-street, a solution of the ore is obtained, and the silver and gold and other metals are separated from the copper by means of a finely-divided fron powder, taking ears to use will the more than is necessary to convert the proto-chloride of copper of the silvinoss into di-chloride of copper.

IMPROVEMENTS IN ORDNANCE. - The novelty of the invention of ir. Josiah Harris, of Old Jewry, which may be applied to any description of run, consists in exhausting the air from the bore of the gun in front of the darge, so that, the projectile being freed from the pressure of the atmosphere is its front surface, a much less charge of powder will be required to impel it rome the gun at any given velocity than would ordinarily be necessary, whilst the usual charge of powder be used the projectile will be impelled at a greater elecity than would be the case with the pressure of the atmospere on its front.

HOLLOWAY'S PILLS are decidedly the best remedy for all disorders of the atomach and bowels, and the liver and kidneys. They act with so de-defined an effect, and yet so gently that people of the most delicate constitutions can take them with perfect confidence. They do not contain a single grain of formal perfect of the confidence, and so a family medicine no-thing are, therefore, equally safe and efficacious, and as a family medicine no-thing yet invented or discovered can be compared with them for a moment. With these inestimable pills at hand, together with the printed directions a fixed the safe box, no other medical advice or assistance can be needed in any ordi-tary case of sixtness. ISSUE OF 2800 FIRST MORTGAGE DEBENTURES OF £25 EACH,

Bearing interest equivalent to 15 per cent, per annum, payable to bearer, secured on the whole of the property of

The Capinosena Siver Hinning Company

(LIMITED).

Each debenture will bear interest at the rate of 7½ per cent., and will entitle the subscriber to five fully paid-up shares of £5 each of the company, as a bonus, which shares will be entitled to a preferential dividend of 7½ per cent., until the debenture shall have been paid off, making together 15 per cent. on the capital subscribed.

PRICE OF ISSUE-PAR, OR £25 PER DEBENTURE,

Redeemable by yearly payments in numerical order at par, or £25 per debenture.

The 14,000 shares to be allotted with the debentures form part of 26,000 shares constituting the share capital of the company, which will be entitled to receive dividends limited to 7½ per cent. per annum until all the debentures are redeemed, when the whole of the profits will be divided among the shareholders

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Captain JAMES RENNIE, C.B.

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W. R. A. BOYLE, Esq., Kensington, W.

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Captain FELIX JONES, F.R.G.S. (late Her Britainic analysis)
Upper Norwood.
CHARLES MACKAY, Esq., LL.D., Ferndell, Mickelham.
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Messrs. BUFFEN and CHANDLER, Public Accountents, Coleman-street, E.C.
SOLICITORS—Messrs. LAWRENCE, HARDWICK, and HOLMES, Mitro Chambers, 157, Fenchurch-street.
SECRETARY (pro tem.)—G. HEWLETT POTTS, Esq.

OFFICES,-ETHELBURGA HOUSE, 70, BISHOPSGATE STREET, E.C.

Solicitrons—Messre, LAWIENCE, HARDWICK, and HOLMES, Mifre Chambers, 157, Fenchurch-street.

SECRETARY (pro temp.)—G. HEWLETT POTTS, Edg.

OFFICES,—ETHELBURGA HOUSE,
The directors of the Equinoses filter Mining Company (Limited) as percent processes and the processes of the result of the company processes of the result of the company processes. The private of season of the debetters of 225 each, and the company of the compa

The I. L. Gold and Silven Mining COMPANY (LIMITED).

Incorporated under the Joint-Stock Companies Acts, 1862 and 1867, by which the liability of each shareholder is limited to the amount of his shares.

CAPITAL £100,000, IN 20,000 SHARES OF £5 EACH.

Deposit 5s. per share on application, and 15s. on allotment.

No further sum will be required at lesser intervals than two months, and no payment to exceed in amount £1 per share.

The directors reserve to themselves the right to give priority in the allotment to applications for shares paid-up in full.

Where no allotment is made the deposit will be returned in full.

Where no allotment is made the deposit will be returned in full.

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The Right Honourable VISCOUNT RANELAGH (Chairman of the Conservative Land Society), the Carlton Club, S.W.
Sir LAWRENCE PALK, Bart., M.P., Haldon House, Devon, and I, Grosvenor-gardens, S.W., the Carlton Club, S.W.
Major-General CHARLES CAMPBELL, of Kinloch, N.B., and Oriental Club, London.
Colonel AUGUSTUS MEYRICK, 54, Park-street, Grosvenor-square, W.
FRANK HEATHCOTE, Esq., Arthur's Club, and 9, Montague-place, Montague-square, W.
HENRY SYME, Esq., 15, George-street, Hanover-square, W.

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Messirs. ROBARTS, LUBBOCK, and Co., 15, Lombard-street, E.C.
SOLICITOR—GEORGE ANNESLEY, Esq., 64, Lincoln's Inn-fields.
AUDITORS—Messirs. PAYNE and BROWN, 39, Lothbury, E.C.
SECRETARY—W. A. M. BROWNE, Esq.

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RSTON BUILDINGS,

ABRIDGED PROSPECTUS.

California, comprising 3010 linear feet.

the company, or partly in shares and partly in cash, at the option of the

directors.

Mr. Lewis Chalmers states that these mines are true fissure veins, therefore inexhaustible deposits of the metals, and concludes—"I have no hesitation in recommending their purchase as a lucrative investment."

Mr. Graff, another mining engineer of some celebrity, writes that "the only thing needed is a mill to make the mine dividend paying, as builion can be shipped within a few days thereafter."

Arthur F. Wheeler considers "the I. X. L. Gold and Silver Mines the richest in the country."

Titus F. Cronise, in his standard work "The Natural Wealth of California," Titus F. Cronise, in his standard work "The Natural Wealth of California," at page 266, states that the crude oil was sold in the dump at the rate of \$100, equal to £25, per ton.

The Hon. J. Ross Brown, in his report to Congress, at pp. 171, 172, specially confirms these statements with regard to the value of ore taken from these mines.

mines.

Rossier W. Laymond, United States Commissioner of Mining Statistics, in his report to Congres, says that "these ores can be mined and reduced at a cost of \$8 (about \$6.) per ton, owing to the abundance of water-power and timber."

Colonel T. Winchester, in his work upon "Gold and Silver Mines," for these

The celebrated I. X. L. Gold and Silver Mines are in Silver Mountain District, California, comprising 3010 linear feet.

Terms of proposed purchases are £53,000 in cash, or in fully paid-np shares of the Comstock Mines.

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Mr. Graff, another mining engineer of some celebrity, writes that these ores could be worked at one-half the cost of the Comstock Mines.

Mr. Chalmers' assays there, and those of Messrs. Johnson, Matthey, and Co.

here, made from ore taken at ballow depth, range from 34s. to 73s. per ton.

Professor Raymond states the average length of iode of twenty Comstock complex of the comstock Mines.

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Mr. Chalmers' assays there, and those of

The Stoketcut intense statistical themselves of the certainty that the company per ton.

The directors have so satisfied themselves of the certainty that the company must pay very large dividends that they have caused a clause to be inserted in the Articles of Association making their remuneration entirely dependent upon the realised net profit.

Samples of the ore and plans and sections of the workings can be seen at the

offices of the company.

Prospectus, reports, forms of application for shares, and any further information, may be obtained at the offices of the company.

The following are the dates and names of the parties to the only contracts entered into by the company:

4th November, 1871.—Agreement between Augustine John Brunton of the one part, and Cuthbert Jephson, for and on behalf of the company, of the other part.

4th November, 1871.—Agreement between W. A. M. Browne, on behalf of the company, of the one part, and Henry Clark, of the other part.

Mining Correspondenge.

BRITISH MINES.

BRITISH MINES.

ALLT-Y-CRIB.—Captain Clint, Nov. 10: We have cut a very promising lode in the low adit level, which will turn out 1 ton of lead per fathom, and is improving. Here we have 80 fathoms of backs, all in new ground. We have been blasting in the back of all possible and the back of the control of the sol of the

Across-cut north will then prove the different lodes. East of footway shaft we have not yet cut the lode cast of the cross-course. I have put the men to rise in the back; there is a very kindly lode there. There is no change in the tributers' department.

BWADRAIN CONSOLS.—R. Northey, Nov. 13: The lode in the 55 fm. level west is 4 feet wide, worth 1 ton of lead ore per fathom. There is no change in the 45 west since last reported. The lode in the 55 west has been thrown north by a slide, and we are driving in that direction to cat it. I do not see any change in any of the stopes to notice since last reported. Nothing new in the deep adit level at Dalfawr. All the machinery is working well.

BWICH CONSOLS.—It. Northey, Nov. 14: The lode in the rise in the back of the 70 is 6 ft. wide, composed of kilias, quartz, and large stones of lead ore. The stopes in the back of the 70 will yield 15 cwts. of lead ore per fathom. The lode in the 60 is 2 ft. wide, and carrying a good mixture of lead ore. The stopes in the back of the 60 are worth 17 cwts. per fathom. The lode in the 5is 34t. wide, and unsettled, but we occasionally meet with branches of ore worth from 15 cwts. to 20 cwts. per fathom. The stopes in the back of the 30 is worth 12 cwts. per fathom. The stope in the back of the 30 is worth 12 cwts. per fathom. The stope in the back of the 30 is worth 12 cwts, per fathom. The stope in the back of the 30 is worth 16 cwts, per fathom. The stope in the back of the 30 is worth 17 cwts, per fathom. The stope in the back of the 30 is worth 17 cwts, per fathom. The stope in the back of the 30 is worth 17 cwts, per fathom. The stope in the back of the 30 is worth 17 cwts, per fathom. The stope in the back of the 30 is worth 17 cwts, per fathom. The stope in the back of the 30 is worth 17 cwts, per fathom. The stope in the back of the 30 is worth 17 cwts, per fathom. The stope in the back of the 30 is worth 17 cwts, per fathom. The stope in the back of the 30 is sample within 10 days.

CAEGYNON.—T. Hodge, Nov. 15: We cont

ievel is worth 64, per fathom. The stope in the back of the 20 is worth 65, per fathon; surface work going on regularly, and all the machinery working well throughout the mine. Blende dressed fit for market, No. 1, about 5 tons; No. 2, about 5 tons. Blende underground and on floors, No. 1, about 5 tons; No. 2, about 5 tons. CAPPAGH.—W. Thomas, Nov. 13: I have nothing new this week to report, everything over and under ground being in good working order. We are getting another bic of ore for shipment as fazia as short and wet days will permit. CARN CAMBORNE.—Henry Bennett, Nov. 2: 64 feet wide, worth 94. per fathom. In the 70 west the following the state of the feet wide, worth 94. per fathom. In the 70 west the following the state of the feet wide, worth 94. per fathom. The winze sinking below this 1 wings to six men to belog at 18s. per fathom. The winze sinking below this 1 wings to six men to belog at 18s. per fathom; it is worth 14d. per fathom.—69 Fm. Level; we have three stopes below this level, working by 28 men; their average value is 13d. per fathom. In the 50 cast the lode 1-5 feet wide, worth 94. per fathom. The winze sinking below this level; working by 28 men; their average value is 13d. per fathom. The is not much copper in it at present, it is worth 14d. per fathom for this. In the 60 cast the lode is 5 feet wide, worth 94. per fathom.

CASTLE-AN-DINAS.—Thos. Parkyn, Nov. 16: The west stope has improved since my last report, and is looking well. The east stope is just as last reported on, yielding good work for tit, and all things are going on well.

CASTLE GATE.—T. Parkyn, Nov. 16: I have put the men to open on some of the south lode; i find one 6 ft. wide, containing this, but as it is so shallow I cannot state its value. We have sunk on severa looke at 18 is so shallow if the part of the water. We have now in popular the men to open one some of the south lode; I find one 6 ft. wide, containing the all the look is 8 ft. wide, producing fine stones of tills. I am of opinion we are fast approachin

portion of the mine continues most satisfactory. In the 45 we have placed all hands to work on the yellow copper one; the two men from the 50 who were sent mander to make we could on this level with profit double our present number.—Kilmanos Sliver Blende Ore: We have been timbering to protect the country of the country

is not looking quite so good as last reported. The lood in the stopes in the bottom of the 70 is yielding it tons of ore per fathom. The lood in the stopes in the bottom of the 70, east of Williams's winze, is worth 5 tons of ore per fathom. All other points of operation are without change.

GORSEDD AND CELYN LEVEL.—Nov.16: Since my last I have great pleasure in reporting that on Friday last the great bulk of ore standing in Gorsedd portion was tapped by the men in the driving from the adit level. About a month asgo they discovered a "swallow," and at that time filled it up, as it did not continue above. When the men were changing a great noise was heard, and immediately the level was filled with water. It is a subject of great congratulation meeting with the water, as the level at this point is 100 yards deep; therefore, it is reasonable to suppose we shall now drain the surrounding ground to this depth. From the appearance of the sand, I think the water issues from an east and west vein, which runs in this direction, and was very rich, so that the discovery is invaluable. We shall in a few days be enabled to report fully, and hope to commence sinking the Gorsedd whim-pit, and the pit on the north and south lode, which when done would at once open a great deal of mineral ground, and enable us to prosecute vigorously upon the great Merliyn voin, which in my opinion, will prove the most valuable lode in our extensive sett, and afford us large returns. I have set the following bargains:—The driving north to Gorsedd to eight men, at 45s, per yard. The driving west of Waen vein to two men, at 61, per ton. One tribute pitch over the add level, east of Cottia Gelyner ton. One tribute pitch over the add level, east of Cottia Gelyner ton. One tribute pitch over the add level, east of Cottia Gelyner ton. One tribute pitch, west of same, to two men, at 61, per ton.

GREAT LAXEY.—R. Rowe, Nov. 14: The 235 fm. level ends north and south are much the same as when last reported; in the former some open and favourable ground,

per fathom. I m glad to inform you that we have this week started to state of root working through the 200 fm. level have made ample any place and of root working through the 200 fm. level have made ample any place and the regular and insterrated single of this shaft for the fature. It as many the regular and insterrated single of this shaft for the fature. It as a superior to the control of t

LEEDS AND ST. AUBYN.—J. Curtis, Nov. 13: In the 30, west of Wilsons engine-shaft, the lode is 18 in. wide, woth 61, per fathom. In the 30 east fis lode is 18 in. wide, worth 41, lost per fathom. In the 20 west the lode is 9 ft. wide, worth 21, 103, per fathom. In the 20 east the lode is split in branches-poor, but by extending this level a fathom or two more I fully believe the branches will come together, and a good lode will be met with. The various stopes on this lode are much the same as for some time past.—South Lode: The 10, east of Kendall's, and the stopes in the back of this level, are without any change to notice.—Standard Lode: At Bastian's flat-rod shaft the lode is rather open, and showing signs of improving as we get deeper. In the 17 east the lode is 4 to. wide, worth 31, per fathom. In the 17 west the lode is split in branches, bat containing tin of a rich quality. We have 3 tons of tin ready for the smelling-house.

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containing tin of a rich quality. We have 8 tons of the ready for the smitlerhouse,
LLYNCLYS.—J. Lester, Nov. 16: This week we have commenced opening
100 yards south of Ranter's lode; next week I shall give particulars of the bearing of this lode. In the 30, east of the shaft, the lode is producing good lead, as
last reported. There is little or no change in the character of the ground, in
sinking Ranter's shaft, since last week.
LLY WERNOG.—J. Davis, Nov. 15: Settings for November: The shaftem
have not completed the plat in the 72 yet, and it will take them about line days
more to do so: set at 180s, per cubic fathom. The 50, east of No. 1 winse, has
been set to four men, at 180s, per fathom; the lode continues strong said crelar, is letting out a great deal of water, and produces about ½ ton of lead
per fathom. In the 40, east of the winze, we have driven 11 ft, on an oblique
angle, as Captain Williams proposed, and found small ribs of lead ore runding
south lodes, but there is no lode here, consequently I have stopped this, and
south lodes, but there is no lode here, consequently I have stopped this, and
the ead to drive on its former bearing, which is consistent with the bearing of
the lode at surface, as you will see by the working plan; there are specified ore on the leader or footwall now, which I expect will soon open into a productive lode—set to four men, at 160s, per fathom; the lode
and west of the shaft, has been set to two men, at 160s, per fathom; the lode

Nov. 18, 1871.

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Nov. 18, 1871.]

THE MINING JOURNAL:

THE MINING JO

130 west is unproductive. The 130 end, east of Goodinge's, is worth 101, per fm., The 130 east is worth 101, per fathom; 110 east, 301.; 100 east, 131.; 80 east, 101.; 46 east, 71, per fathom. We are urging on the sluking of kings skip-shaft, as well as Hind's new engine-shaft.

WILLOUGHBY.—H. Nottingham, Nov. 15: We are making steady progress in sloking the engine-shaft from surface; the ground is rather better for blasting, but we have more water, so that we are obliged to sink with the lift of pumps now. We are now down 9½ fms. We have the centres of the big wheel set on the shaft, and are now husy getting them up the hill at the end of the wheel-pit, that we may have the advantage of the rising ground for getting them on to the wheel-pit. The wail-plates, &c., are fixed ready to received them, so that I expect in a few days we shall have them in their proper place. After we get this finished we shall be able to go on much faster with the woodwork. The masons have nearly finish the stable and one end of the crusher-house, having built the stable to join the crusher-house. I have been obliged to take away the men from the wall of the large reservoir below the Bod Lake, to help with the wheel castings. The men who have taken the bank are making steady progress when have about one-half of the second portion of the tramway running from the grating-floors down to the crusher levelled, and the water-course cut alongship to the part of the proper pools down to the big wheel. The raits for tramway have not yet arrived. We shall have the whole length of water-course to cut yet above the mine to eatch another stream of water that runs past the mine now without being of any service.

SALE OF FOREIGN TIN BY PURLIC TENDER.—In last week's Journal

SALE OF FOREIGN TIN BY PUBLIC TENDER. - In last week's Journa BALE OF FOREIGN THE BY FUBLIC TENDER.—In last week a souther an announcement appeared that Messrs. H. Bath and Son would sell at the Auction Mart, by public tender, about 250 tons of Straitz Tin. Messrs. Bath and Son inform us that the result of the sale has been as follows:—At 144L 5s. per ton, 5 tons; at 144L per ton, 50 tons; at 143L 15s. per ton, 10 tons; at 143L 10s. per ton, 10 tons; at 143L 5s. per ton, 10 tons; at 1431. 1s. per ton, 25 tons; at 1431. per ton, 60 tons at 1421. 10s. per ton, 82 tons: total, 252 tons.

OLD BOTTLE HILL.—A company has been formed, in 1200 shares, to work on a more extensive scale one of the oldest and richest tin mines in Devon—the OLD BOTTLE HILL. The returns of tin altogether, it is said, have exceeded half-a-million sterling. The late company worked it for some years, but tin dropped to 40½ per ton, so that it did not pay, and in 1869 the company was wound-up, and the mine and its materials sold to Mr. Jehu Hitchins, he and his family having been connected with the working of the mine for more than 50 years in its palmy days. Mr. Hitchins at once set about patching up the water-wheel and stamps, and let tin ground on tribute, and in this hand-to-mouth mode of working he has sold tin in the two years for 2083½, 16s. 6d., which has just about paid its way, and there are 7 tons of tin in the mine waiting to be stamped. But there is a large extent of good tin ground in the mine unworked, and as tin has risen nearly 30½ per ton since Mr. Hitchins purchased the mine, he has formed a company for proscuting more extensive and as tin has risen nearly 30%, per ton since Mr. Hitchins purchased the mine, he has formed a company for prosecuting more extensive operations, and every share has been subscribed for privately. The new company commence with a cash capital of 1200%, and 7 tons of tin on the mine. This will enable the stamping power to be doubled, explorations made, and the returns increased so as in a short time to yield good profits at the present price of tin. The agent writes that the sett is 1 mile in length on the course of the lode, and 4 mile wide, and there are five productive lodes in it. At the main lode, when tin was at 36% to 40% per ton, four men raised 10 tons of tin per month from the 40 fm. level alone. There is virgin ground on this lode 100 fms. in length, and as an adit runs through it for 60 fms. deep, it can be worked to that depth without machinery. The agent considers, if properly laid open, the mine will turn out good and profitable. "None better," he says, "in Devon or Cornwall."

PEDN-AN-DREA UNITED MINES.—These mines have at length de-

PEDN-AN-DREA UNITED MINES,-These mines have at length declared a dividend. For many years they have been worked by share-holders whose patience and perseverance are at last crowned with success; this is mainly due to the untiring efforts of perhaps two imsuccess; this is mainly due to the untiring efforts of perhaps two important shareholders, for had they at any time wavered from their steady exertions in opening out these mines, or failed to supply the necessary heavy capital required, Pedn-an-drea would have been hopelessly closed. At present, however, these mines may be classed as one of the prizes of 1871, being in an extensively developed condition, and likely to make immense profits for ages to come. We congratulate the fortunate holders of shares, for having been so well congratulate the fortunate holders of shares, for having been so well held and perseveringly and steadily worked these mines have passed to a success directing attention which makes one wonder at the little attention that has up to now been bestowed upon them. We are glad to herald Pedn-an-drea as amongst the most promising of our dividend mines. Their first dividend has been 5s., which we think is but the prejude for a continuance of increasing amounts. dend mines. Their first dividend has been on, which the prelude to a continuance of increasing amounts.

VAN MINE.—The long pending suit of "Murchison v. Batters" was decided on Tuesday, the Bill having been dismissed, but without costs PERRAN WHEAL VYYYAN.-An important discovery has been made in costeaning the eastern portion of this property, which is likely to lead to great results.

POLBREEN (St. Agnes).—This thriving mine made its sixth sale of tin on Nov. 7, in quantity over 6½ tons, for which the price of 84. 10s. per ton was obtained—the figure resilsed at its fifth sale, on Oct. 10. Polbreen made its first sale on March 29 last; therefore, within barrly seven months it has sold tin of the weight of 42 tons 4 cwts. 1 qr. 18 lbs. of the value of 34894.4s. 4d. It is now sending tin to the smelting-house every month, and did so this month and last. Its monthly sales will considerably exceed the cost-sheet. The call made on Oct. 27, and most promptly responded to by the shareholders, will discharge every standing liability, and as the plant is as near completeness as it can be there will be a good profit left for dividend on each month's working.

ECLIPSE.—The advices appear in another column. It is estimated that the present thirty stamps should return a profit of over 50,000/, per annum, calculating the reduction at 45 tons per day. It is proposed to increase the stamping power to 100 heads.

EBERHARDT,-For the information of shareholders who may not be able to attend the meeting of Monday, and to give time for con sideration to those who do attend, the directors think it right to an sideration to those who do attend, the directors think it right to announce that they will propose resolutions authorising the issue of 6500 new shares, and that 2350 of them be offered to the shareholders at 15£, per share, and that 2000 or other competent number of such 6500 be reserved and devoted for the purchase of the White Pine Waterworks, if thought fit; the remainder of such shares being left to be dealt with as the directors think fit, for the ordinary purposes of the company on capital account. Also to authorise the application of the company's profits up to Sept. 30 to tion or appropriation of the company's profits up to Sept. 30 to capital purposes.

FLAGSTAFF.—The Salt Lake Herald, of Oct. 29, says:
"The run for the week ending yesterday from one furnace of
Smelting Works, on Little Contonwod, was 878 bars—weight, 105,12 STARF.—Inc Soft Lanc Merula, of Oct. 29, 8878:—
un for the week ending yesterday from one furnace of the Flagstaff
Works, on Little Contonwood, was 878 bars—weight, 105, 120 lbs., or over
ton. The Flagstaff Mine is raising and shipping to the furnaces about
of ore per day; but when the tunnel they are now running strikes the
which will be in a month or two, it will open up the road to an un-

CALIFORNIA .- We clip the following from the New York Engineering

CALIFORNIA.—We clip the following from the stew a strangement of Mining Journal, of Oct. 31:—
"The Birdseye Creek and the Sweetlind Creek claims, both situate in Nevada and the Sweetlind Creek claims, both situate in Nevada they well all the summer, notwithstanding the drought, whereby their producted which is the standard of the drought, whereby their producted capacities have been sadiy erippled. Under their present excellent manages at their prolife character will be better shown after the advent of our fail ins: and there is little doubt but their future production will more than warn the considerable advance in the value of the stock of these companies that a taken place since their organisation. The Lagrange Ditch Company, company mainty of wealthy San Francheans, are constructing, at heavy cost, a

has taken place since their organisation. The Lagrange Ditch Company, composed mainly of wealthy San Pranciscans, are constructing, at heavy cost, a large canal for conducting water from the Tholumne river to an an extensive gravel deposit near the town, which is to be worked by the hydraulic method, that is the common parent that these beds of auriferous material are by no means confined to that portion of the State where only the heaviest operation have as yet been carriedon. From Nevada and adjacent counties their discovery has gradually pread southward as far as Mariposa, and north into Trinity Biskiyou, and Klamath counties, in all of which washing is being conducted by this process, or preparation is being made for its early inauguration.

When we consider their vast extent, and how small a percentage of gold will warrant their being washed by the modes and appliances now in use, we perseive that we have in these gravel deposits material that cannot be exhausted in enturies. From a calculation based upon cardul examination, made by the H. Pettee, of the State Geological Survey, is appears that the great mass of topgravel, the only portion yet piped on, in the Gold Run district has average promote than a centar to the cubic yard of earth; and yet the 43,000,000 yards disposed of by hydraulicing have been worked with good profit, the great yield having amounted to about \$2,100,000. As the swerzage product of the entire mass of cardul and an an analysis of the cubic yard of earth; and yet the 43,000,000 yards disposed to be about \$2,100,000. Most Little York, Quaker Hill, Birdsaye Creek, and over on the Yubas, the average product of the entire mass of the cubic yards of earth washed has been from 50 to 55 per cubic yard. Quarts mining in this State is steadily expanding, and working its way on to a better footing. New mills are being bulls, the old ones overhauded, and the idle ones started up; so, too, suspended work is being resumed on many lodes, and operations on others pristine state, and even out-doing

ergies. The Confidence continues its almost unexampled rate of production; and the Soulaby, near by - really one of the best quartz properties in the State—is after years of neglect, likely seen to be restored to usefulness, and placed on the list of our most largely productive and profitable mines. The prevailing drought while it has compelled a number of our quartz mills to shut down for want of water, has also, by its check upon placer operations, caused many miners in this branch of the business to leave it, and engage in prospecting for quartz leading to an unusual degree of activity in that department.

With this week's Journal a SUPPLEMENTAL SHEET is given, which With this week's Journal a SUPPLEMENTAL SHEET is given, which contains: Lectures at the Royal School of Mines, by Mr. W. Smyth—Diamond Fields of South Africa—A Day at the Comstock Lode—Our Railway System viewed in reference to Invasion (R. Mallet)—Cause and Prevention of Colliery Explosions (filtustrated)—Manufacturing Industry of Scotland—Cleveland, its Past, Present, and Future—Foreign Mining and Metaliurgy -Foreign Mines Reports—Meetings of the Russian (Vyknomasky) Ironworks Company, the Queenborough Chemical Company, the West Liangynog, North Snailbeach, East Pool, and Scottish Australian Mining Companies.—Original Correspondence: The Copper Trade (A. Bennett); Spain, Past, Present, and Future, No. I.; Patent Gas Manufacture at Barnet; Our Coal Supply (Wm. Firth); Birmingham, and the Black Country (N. Hingley); Discovery of Ironstone in Anglesey (R. Jones); Tributer's Ores; Mining in Cardiganshire; With what are the Strata about Productive Lodes Mineralised (G. Evens); Cornish Tin Mining (Richard Tredinnick); Scientific Mining (R. Knapp); Miners' Life at the Silver Mines in Newada; Eberhardt and Aurora Mining Company; Pinto Mining Company; Chontales Consolidated Mine; Swestland Creek Gold Mines; Californian Mining Enterprise, &c.

The Mining Market; Pnices of Metals, Gres, &c.

METAL MARKET-LONDON, Nov. 17, 1871.

Yellow Metal Sheathing .. 6% d.-71/4 d Sheets 6% d.-7d. SPELTER. Per ton. on the spot £19 15 0-20 to arrive .. 19 15 0-,, spikes12 0 0-12 10 Indian Charcoal Pigs, In London, p. ton. . 6 10 0- 7 0 In sheets 24 2 6 24 5 0 QUICKSILVER (p.bot.) £11 0 0- -TIN.
English blocks .. £148 0 0Do., bars (in bris.) 149 0 0Do., refined ... 148 0 0-141 0
Banca ... 144 0 0-144 10
Straits ... 144 0 0-145 0
TIN-PLATES.* Per box. STEEL. . At the works, is, to is, 6d, per box less, Terne-plates 2s. per box below tin-plates of similar brand.

REMARKS.—The past week has been one of unusual activity in the metal market. Transactions have assumed a magnitude far beyond late experience. A large business has been concluded in three of the metals-copper, tin, and iron, and prices are generally

ruling upward.

COPPER.—So far as regards this metal, it is not a matter of surprise that public attention should at last be drawn to it. The statistics, to which such frequent reference has been made, have all pointed to the anomalous position which copper has occupied in our pointed to the anomalous position which copper has occupied in our market for a long time past, and the marvel has been that with so much in its favour copper should still be eyed with suspicion, and continue to a great extent neglected. This, however, is no longer the case. A steady, though gradual, tendency to improve has been observable for some weeks, but when on the 11th inst. advices were received that charters from Chill for the first fortnight in October were vii as regards England, and only 100 tons for the Continent, the demand increased, and prices advanced. Only a few of the transactions which have of late taken place have transpired, but we believe that we are within the mark when stating that during the current month some 10,000 tons of copper have changed hands. After the experience of the comparatively insignificant transactions which the public journals have recorded, these quantities appear almost fabulously large; and although prices have distinctly improved, the established advance has not been so great as might have been expected. Ore and regulus, 13s. 5d. to 14s. 3d. per unit. Lota bars have changed hands from 671, to 69s. 10s. cash and 71l. for arrival. Urmenet have changed hands from 671, to 67s. 10s. A bar and 11l. for arrival. Urmenet has risen about 31., having found buyers at 70l. cash and 72l. for arrival. J. Edwards has been cold at 71l. for arrival. Anastralian copper has participated in the improvement which has marked Chill, Wallaroo having changed hands at prices ascending from 76l. 10s. to 50l., according to prompt. Transactions that have transpired in Burra have been of limited extent, and price has ranged from 76l. 10s. to 79l. 10s. A large business has been concluded in English tough cake and ingot at about 74l., and best selected 1l. higher. The demand for manufactured has hardly kept pace with that for other descriptions, for although row links has been done at 77l. strong sheets at 8l. and bottoms at 83l. There is a slight improvement in the demand from India, but up to market for a long time past, and the marvel has been that with so

pig-iron 54s. 6d.; it has risen in about three weeks since then to 59s. This advance is to be accounted for by the great difficulty which is experienced in obtaining supplies of the raw material, insamuch as the demand upon the resources of other centres of like industry, such as Glasgow and Wales, is quite equal to that of the North of England, so that but very little is imported. The published reports of the various districts are very interesting, as showing the extraordinary development of the trade. In the Cleveland district alone the average annual out-turn is not much under 7,000,000 tons. In the mouth of October the make was 163,027 tons, which was all sold, and even this was found insufficient for the requirements for the district, so that to meet the deficiency stocks, already low, were indented on to the extent of about 12,000 tons. This being the state of affairs, it is not a matter of surprise that difficulties with regard to delivery should still continue, and that early deliveries for contracts lately passed are out of the question. No. 1 is now quoted at 59s.; No. 5, 58s. to 57s.; No. 4, 54s., net cash. At present there is no falling off in shipments, but as the winter draws on the northern ports will be closed with lee, and shipments, but as the winter draws on the northern ports will be closed with lee, and shipments become reduced. The great press of work continues to be on rails and plates for shipbuilding purposes, the demand for the latter especially is very great. pig-iron 54s. 6d.: it has risen in about three weeks since then to 59s

Is very great.

The South Wales coal trade keeps pace with that of the North of England.

The South Wales coal trade keeps pace with that of the North of England.

Ironmaters find it difficult to meet the demands made upon them in the matter of delivery.

There are some important orders which still remain on hand, and others keep coming in, so that no anxiety is felt with regard to abundance of employment being found for the men for some time to come. The American and others keep coming in, so that no anxiety is felt with regard to abundance of employment being found for the men for some time to come. The American demand, especially for rails, is steady, but shipments can only continue to those ports which are not affected by the approaching winter. Businesson home and continental account is fairly brisk in the matter of rails, but in plate-iron there is much activity. South America gives employment to the manufacturers of girders and bridge-iron generally, and there are enquiries for this description of iron for the colonies. Pig-iron is very firm. It cannot be made fast enough for manufacturers' requirements, and prices are looking up. In Staffordsbire business is very brisk in the superior class of iron turned out in that district. Swedish iron is very firm, and full prices are expected to rule during the coming season; indeed, such is the uncertainty which prevails regarding the future course of this market that sellers are unwilling to commit themselves to any engagements lest they should find themselves unable to carry out their contracts except at a loss. The Glasgow pig market is sgain very firm, and prices are advancing, business having been concluded at 63s. 3d. cash, from which price it receded to 63s. 1½d., and again advanced to 63s. the closing quotations being 63s., cash, buyers. The shipments continue very large, and the quantity coming forward small in comparison. G.M.B., No. 1, 70s.; No. 5, 63s. 6d. Shipments for the week ending Nov. 11, 181, 18, 53 tons, Nov. 12, 1870, 10, 257 tous; increase, 8379 tons; total increase since Dec. 25, 1870, 175, 532 tons.

LEAD.—There is no change to report. The market is steady but quiet. Spanish, 174, 10s.; English soft, 184.

LEAD.—There is no change to report. The quiet. Spanish, 171. 10s.; English soft, 181.

quiet. Spanish, 17t. 10s.; English soft, 18t,
SPELTER.—Agood business is being done in Silesian, prices ranging
from 19t. 5s. to 20t., according to brand and delivery. P H, 20t. 10s.
to 20t. 15s.; Belgian and Rhenish, 19t. 5s. to 19t. 15s. out ports.
There has been considerable excitement and activity in the

market. Daily transactions have taken place at advancing prices market. Daily transactions have culminated on Thurs which for the time appear to have culminated on Thurs business was done in Straits by public tender as follows at 1421, 10s., 60 tons at 1431, 25 tons at 1431, 1s; 30 tons at 1431, 2s. Further; ousiness was done in Strints by public tender as follows:—82 tons at 1431. 1s., 30 tons at 1431. 2s. 162 tons at 1431. 1s., 30 tons at 1431. 1s. 150 tols at 1431. 1s. 150 tols

QUICKSILVER is quoted at 11 L. per bottle.

COPPER.—Messrs. James and Shakspeare—About 1000 tons regulus of Swanses have been sold at 13s. 9d. and 14s., and 830 tons to arrive in Liverpool at 13s. 19d. d. per unit. Buyers now are willing to give the highest mentioned figure, but importers ask 1½d. to 6d. more. Yesterday 500 tons Chill fore in Swanses were sold at 14s. 1½d, per unit. In bars fully 3500 tons have changed hands, the purchases being pretty equally divided between cash and prompt parcels. Lota has ralised from 671. los. to 701. cash; 631. 1071. for arrival or extended prompts. Urmeneta 681. to 701. 10s. cash, 631. 10s. to 711. 10s. for forward deliveries; and in these two brands the principal business of the week has been done. Good marks have fetched 681. 10s. to 711. cash terms, and 891. to 711. 10s. to arrive or with three months' prompt. The favourite mark J. Edwards has been sold at 701. and 711., short arrival. In Urmeneta double refined ingots about 400 tons were disposed of at 761. and 781. delivered in Birmingham. The market for all Chill copper is about 40s. to 50s. (according to brand) over last Friday's rates, and prices still show a tendency to advance. On Saturday (11th inst.) telegrams came to hand from Chill advising the charters for the first forthight in October as only 100 tons bars, and that for France; the quantity for the corresponding period last year was equal to 2145 tons pure, and all for England. In Australian sorts a large business has likewise been done, 50e tons Hunter River cake realising 751. 10s. and 761. per ton, and about 400 tons wallaroo from second hands selling at 781. to 791. 10s., according to prompt, and a moderate quantity at 501. for delivery early next year. Holders are now firm, at the quotations in our list. Of Burra a few sales have been made, at 781. to 791. 10s. cash and short prompts. The demand for English has also been very good, and smelters advanced their quotations on 14th inst. 21. per ton, making to the various advances. In Straits a good bus

The advance in the price of tin, to which we referred in our last, has been succeeded by a rise of 2k, per ton in copper, and the MINING SHARE MARKET has in consequence been particularly active and buoyant, notwithstanding the time occupied in the settlement of a Treleigh Wood, Wheal Grenville, New Rosewarne, Tincroft, New Lovell, West Chiverton, Great Wheal Vor, Cook's Kitchen, South Frances, Drake Walls, Wheal Agar, West Caradon, Parys Mountain, East Lovell, North Roskear, Wheal Mary Ann, Eberhardt, Eclipse, Pacific, Utah, and a few others.

Wheal Grenville shares have been largely dealt in, and leave off

wheat continues of the most promising character, leading the agent to expect a further improvement. East Grenville shares are weaker, at 2½ to 3, in anticipation of a call. East Pool, 18 to 18½; at the meeting, held on Monday, the accounts showed a profit of 346%, on two months' working; and a dividend of 1600%, or 5s. per share, declared. To enable this dividend to be declared, 1120%, of the debits were carried to the suspense account, to which we referred two months ago; and the money to pay the dividend was borrowed from the bankers. This "suspense account," in other words the "back costs" of the mine, to be met some day, now amounts to 4122%. This mine is said to be looking well. New Pembroke, 4 to 4½; at the meeting, on Nov. 10, the accounts showed a profit of 970% on four months' working, and a dividend of 2s. 6d. per share was declared, leaving 170% in hand; the costs were charged to August. The fin sold to the meeting, 43 tons, realised 3627%, and the agents hoped to sell the same quantity during the next four months; the lode in the 90 east is worth 25% per fathom, and the mine looking well generally. Bog, 2½ to 2½; Carn Brea, 147½ to 152½. Cook's Kitchen have advanced to 39, 40. Retallack, 200 to 220; at the meeting the dividend was 500% (2% 10s. per share), which is less than was expected, Devon Great Consols, 100 to 105.

Bronfloyd Stock, 102 to 107. Blaen Caelan, 1½ to 1½; a greatim-provement is reported from the mine. East Dolwen, 1½ to 1½; the south wall of the Dolwen lode has not yet been cut, owing to its great width. Drake Walls, 15s. to 20s.; Dolcoath, 220 to 230; East Basset, 9½ to 10½; East Caradon, 4 to 4½; East Lovell, 12 to 13; East Van, 8 to 8½; Great Laxey, 14½ to 15½; Great North Laxey, 25s. to 30s.; Great Wheal Vor, 11½ to 11½; New Wheal Charlotte, par to ½ prem.; Hingston Down, 2 to 2½; Leeds and St. Aubyn, 9 to 10; New Lovell, 2½ to 3; New Seton, 57½ to 62½; North Roskear, 21 to 23; Old Bottle Hill, 5 to 6. Parys Mountain shares in request, at 2 to 2½. Perkins Beach, 24s. to 26s.; 94 to 104; no change has taken place in the mine, but the lode in the 110 east continues of the most promising character, leading the

have declined to 5.

Tankerville, 16 to 16½; Tincroft, 61 to 63.; Treleigh Wood shares have advanced from 11 to 14, 16; Van, 50 to 52; Van Consols, 1 to 1½; West Basset, 10 to 10½; West Caradon, 3½ to 4; West Chiverton, 17½ to 18½; West Frances, 28 to 30; West Seton, 130 to 140; West Tankerville, 3 to 3½; Wheal Agar, 1½ to 2; Wheal Basset, 107½ to 112½; Wheal Buller, 31 to 33; Wheal Jane, 51 to 53; Wheal Kitty (Lelant), 6 to 7; Wheal Kitty (St. Agnes), 13 to 14, ex dir.; Wheal Uny, 9½ to 10.

At the Pedu-an-drea meeting, held on Nov. 10, a dividend of 5s, per share was declared. The statement of accounts from April 27 to Oct, 26 show—Tin sales, 13,612, 03, 4d.; costs, 8280l. 8s. 11d.;

At the Peda-an-drea meeting, held on Nov. 10, a dividend of 5t, per share was declared. The statement of accounts from April 27 to Oct. 26 show—Tin sales, 13,612L. 0s. 4d.; costs, 8280L. 8s. 1ld.; merchants, 2576L. 18s. 2d.; lords' dues, 643L. 6s. 3d.; bills receivable, 699L. 10s. 3d.; cash in hand, 4251L. 11s. 4d. In the statement of assets and liabilities the balance of assets is shown as 2505L. 0s. 9d. The capital expended on these famous old mines, which now with the present price of tin ought to pay regular dividends, has been 65,517L. 18s. 11d. Tin sold, 256,249L. 11s. 4d.; arsenic, 3331L. 14s. 10d.; copper ore, 5490L: total, 330,589L. 14s. 9d. The cost have been including lords' dues, 326,408L. 17s. 1d. The reports of the agent state that, in addition to the expense of regular explorations and the profit shown, a considerable sum has been laid out above the current working expenses on Cardozo's shaft. This will greatly facilitate future operations in the extension of the mines, and by providing more rapid transit enable them to bring forward increased quantities of tinstuff. The mines are looking well, and promising for extended of tinstuff. The mines are looking well, and promising for extended productiveness, and a continuance of dividends.

In Foreign Mines the transactions have been less numerous. Eberhardt and hungra shows have been less numerous.

In Foreign Mines the transactions have been less numerous. Eberhardt and Aurora shares have again declined to 16, 17. South Aurora, 2½ to 2½; the directors have received a remittance of six bars of silver, valued \$6740. Eclipse shares have improved to 22s. 6d. to 25s.; a telegram, dated Nov. 3, states that the agent had stamped 100 tons of stuff, which had yielded in free gold \$2500. Don Pedro, 2½ to 2½ prem.; the produce for September was 14,054 cits. of gold; weighed to Oct. 18, 4598 cits. Cape Copper shares have advanced ½, to 6½ 7½. Sierra Buttes, 4½ to 5½; Chontales, 1½ to 1½; Pacific, 4½ to 4½; Utah shares leave off firmer, at 9½ to 9½; St. John del Rey, 30 to 3½, Yudanamutans, ½ to 1; Frontino and Bolivia, ½ to ½; Port Phillip, ½ dis. to ½ prem. dis. to prem.

The Market for Mining Shares on the Stock Exchange has again been active, and prices have been tolerably well maintained. In the early part of the week there was a disposition to realise, but this tenearly part of the week there was a disposition to realise, but this tendency was soon checked, and at the close buying orders decidedly predominated. The dealings in foreign mines have been well represented by Utah shares, which is attracting purchasers; the property has improved in value, and the small furnace is paying the expenses, including the erection of the new furnace. It is expected the large furnace will shortly be completed. Eberhardt and Aurors, Don Pedro, and St. John del Rey shares are flatter. Birdseye Creek, Sweetland Creek, Sierra Buttes, and Pacific shares are steady. In the latter the advices continue of a satisfactory character; the new furnace has gone to work with complete success, and the cost of working will be when 32 tons 32. 154., sactions 31.; and ated, at ponding

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April 27
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Aurora, rs of sil-to 25s.; 21 to 21 weighed o 61, 71, 1; Utah 30 to 32; Phillip, as again In the

this tenedly pre-presented to has im-nses, in-arge fur-n Pedro, weetland atter the nace has will be

small. Camp Floyd shares are quiet; the agent reports that the title is perfectly in order, and that possession will, therefore, be immediately obtained, and operations commenced. The purchase money has been remitted. In Eclipse shares a large business has been transacted, at \(\frac{1}{2} \) to 2 premium; the advices received are of the most satisfactory character.

In British mines the greatest activity has been in tin shares; the price of this metal having again advanced, large purchases have been made at enhanced quotations. Tincroft shares have changed hands at prices ranging from 61 to 63; Carn Brea has been enquired for at 147\(\frac{1}{2} \) to 152\(\frac{1}{2} \); Great Wheal Vor has been largely dealt in at adhanced quotations, the market closing firm at 11\(\frac{1}{2} \) to 11\(\frac{1}{2} \). The mine throughout has much improved, one point of operation, west of Edward's, being worth 300\(\text{Lorent fathom.} \)

Lead mine shares are steady, but transactions are not numerous, except in Van and East Van. The cause of the depression in these shares having been removed a strong demand set in, which has been well maintained. The monthly sampling from Van has increased to 460 tons of lead and 120 tons of blende. It is expected that this quantity will now be progressively augmented. West Chiverton shares remain steady at former quotations. In Bog, Pennerley, Perkins Beach, and Great Laxey, business has not been so large as a short time since, but the purchases are of a more solid character. Shares are steady at quotations. The subjoined are the closing quotations:—Bog, 2\(\frac{1}{2} \) to 2\(\frac{2}{2} \); Carn Brea, 145 to 150; East Caradon, 3\(\frac{1}{2} \) to 4\(\frac{1}{2} \); to 2\(\frac{1}{2} \); to 3\(\frac{1}{2} \); Ferkins Beach, 1\(\frac{1}{2} \) to 1\

United Mexican, 3 to 3½; Utah, 9½ to 10.

The LEICESTERSHIRE IRONSTONE AND SMELTING COMPANY, with a capital of 200,000/L, in shares of 10% each, has been formed to purchase about 1000 acres of freehold land, with ironstone beneath, situated in Leicestershire, about midway between Market Harborough and Uppingham, on the borders of Northamptonshire. The surface rentals amount to about 2000% per annum, which may be increased by the erection of dwellings for the labour of the district. The geological position of the estate is in the oolitic formation, in which are the Northamptonshire beds of ironstone, containing, it is estimated, 16,000,000 tons of ironstone, or sufficient for a vend of 300,000 tons per year for fifty-four years. It is proposed to vend 150,000 tons and to smelt 150,000 tons, which, even with the present rentals, will give a profit of 54,500%, or sufficient to pay dividends at 30 per cent. per annum. From the prospectus, which will be found in another column, it will be seen that the purchase price is 110,000 in cash and 28,000% in fully paid shares, a price which is about 2d, per ton for the ironstone, exclusive of the agricultural value and the lower ironstone bed. The report of Mr John Roseby is of a very encouraging character.

stone bed. The report of Mr John Roseby is of a very encouraging character.

The Colonial Trusts Corporation, with an authorised capital of 300,000l., has been established for the purpose of making advances upon first mortgages of freehold estates in various colonies, either for the corporation direct, or on behalf of other parties for whom it may act as agent, of negociating Government and other securities, and generally for the transaction of business in connection with the British colonies, and elsewhere. Subscriptions are at present invited for 10,000 shares, being the shares of the first issue (30,000 shares of £1. each), remaining unappropriated. Of the other 20,000 shares, 15,177 are reserved for the shareholers of the Colonial Securities Company, whose business is to be taken over on terms which will enable the corporation, out of the profits of current transactions, to pay a dividend of 8 per cent. per annum, from the commencement of its business, and 4823 shares have been privately taken up. By the arrangement made the corporation will at once become possessed of a good substantial business, secure an influential connection and useful staff, and occupy a favourable position for the employment of additional capital. The prospectus will be found in another column.

The ESPINOSENA SILVER MINING COMPANY are inviting subscription for 2800 first mortgage debentures of 25L each, to be issued at par, and redeemable by yearly payments in numerical order at 74 per cent., and will entitle the subscriber to five fully-paid shares of 5L each of the company as a bonus, which shares will be entitled to a preferential dividend of 7½ per cent. until the debenture shall have been paid off, making together 15 per cent. upon the capital subscribed. The mines are so situated that they will be drained without pumping, the country is well wooded, and labour is cheap and plentiful. The price to be paid for the mines, buildings, machinery, tools, &c., as well as ores and land, is 100,000L, of which 60,000L is to be taken in f

and debentures, thus showing his entire confidence in the enterprise. The prospectus will be found in another column.

The SOUTH AFRICAN DIAMOND FIELDS ASSOCIATION has been formed, with a capital of 100,000L, in shares of 5L each, to acquire and work diamond mining claims in South Africa, on the half profit system. Working parties of not more than four persons will be formed, and supplied whilst employed at the fields with all requisite food, tools, tents, or other accommodation, by the Association. All finds are to be delivered at head-quarters, and, after sale, all outlays and expenses will be deducted, and the net proceeds of the funds of each party will be divided between such party and the association in equal proportions. Mr. R. Vause will act as managing director on the fields, and the directors will send out a thoroughly competent valuer of precious stones to accompany him. Arrangements will be made for making cash advances on diamonds consigned to the association for sale and returns in England; also for the purchase of diamonds on the fields. The prospectus will be found in another column.

The Walreddon Mining Company, with a capital of 15,000L, in shares of 1L each, has been formed to purchase and work with approved modern appliances the Anderton, Rix Hill, and East Crowndale tin and copper mines, near Tavistock, Devon. The properties possess unusual advantages in respect of good roads, near proximity to town and railway, and abundance of water. There are three known rich tin lodes and two copper lodes, as well as a lead lode. For the present it is intended to confine operations wholly to the tin lodes in the setts, and, as a great amount of dead work has already been done on them, it is thought the present nominal capital will be amply sufficient to develope them. The prospectus will be found in another column.

The New Treveddoctor Tin Mining Company, with a capital of 10,000L, in shares of 2L each, has been formed to purchase and de-

spectus will be found in another column.

The New Treveddoe Tin Mining Company, with a capital of 10,000%, in shares of 2%, each, has been formed to purchase and develope a valuable tin mine in Cardinham, Cornwall. The set is about one mile long and half mile wide, and, being on the banks of the River Fowey, can be developed by machinery worked by waterpower, being one of the most important features in tin mining. There are five large and distinct lodes, and in the trial shaft, sunk on the Tremoreland lode a short time since, 3 fathoms deeper than the former workings, the lode was found to be 9 feet wide. The geological position of the property is all that can be desired, being at the junction of the granite and killas. Practical miners consider the Tremoreland lode will prove extraordinarily rich in depth. The prospectus will be found in another column.

The shares of the Emma Silver Mining Company are 3½ to 4½ prem.

The shares of the South Aurora Silver Mining Company are 2½ to 7% per share.

The shares of the Morvah Consols Tin Mining Company are 1½ to 124 prem.

The shares of the Morvan Cousons and Silver Mining Company The directors of the I. X. L. Gold and Silver Mining Company amounce the closing of the share list both for London and country on Thursday sext, the 23rd inst. The shares are 34 to 1½ prem.

It is announced that Mr. Henry Bailey, late of Messrs, Crawshay

Balley and Company, has joined the board of directors of the Nautyglo and Blaina Ironworks Company (Limited).

Mexican Railway Scrip closed at 3 to 2 dis., and the fully paid

Brazilian Street Railway Company advices, dated Oct. 28, states that the traffic continues remarkably good; receipts to the 27th inst. amounting to Rs. 21,631.

THROUGH RAILWAY COMMUNICATION TO INDIA.—On Wednesday evening next a paper will be read at the Society of Arts, Adelphi, by Mr. Hyde Clarks, entitled, "The Present State of the through Railway Communication to India." The chair will be taken at eight o'clock, by Lord Henry Gordon Lennox, M.P.

"WHAT TO SELECT—WHAT TO AVOID," is the title of a pamphlet by Mr. F. W. Mansell, containing much valuable information for the guidance of investors in British and foreign mines. Mr. Mansell's long experience justifies his appearance before the mining public as a trustworthy advisor; this is strikingly evidenced by the well-considered remarks that are made concerning many prominent mines, some of which would appear to have already responded to the views expressed. The pamphlet well deserves the attentive perusal of all interested in mines.

ECOAL MARKET.—The fresh arrivals this week were rather considerable, 138; ships having come forward. The cold weather increased the demand for house coal, and business has been very active, a clearance being effected at fully last week's prices for all descriptions, Hetton Wallsend, 21s. 6d.; Original Hartlepool Wallsend, 21s. 6d.; Lambton Wallsend, 21s. Twenty ships at sea.

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for the week cuding November 12 were 88501. 19s. 1d.

W. H. C U E
STOCK AND SHAREDEALER,
No. 42, CORNHILL, LONDON, E.C.
Closing Prices of British and Foreign Mining Shares.
Friday Evening, November 17, 1871. E L

	Friday Evening, Nov	ember 17, 1871.	
٠	Assheton £ 334 £ 414 We	est Drake Walls 5s 7s. 6d	
;		est Esgair Lie	
	Carn Brea 145 150 We	est Frances 29 31	
	Cook's Kitchen 37 39 We	est Maria 1 11/6	
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)	Drake Walls 34 1 We East Basset 94 10 Wi	peal Agar 15% 17%	
		neal Builer 31 33 neal Grenville 836 876	
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l	East Pool 19 WI	neal Mary Ann 814 834	
	East Seton 304328 6d W	neal Seton 1716 20	
-	East Van 8% 8% WI	neal Uny 914 914	
9	Great Lovell 14 15 All	mada and Tirito % 1	
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,	Great Vor 11 111/2 Bit	d's Eye Creek 418 438	
	Treated It In the	aganza	
1	Hingston Down 216 3 Ca	pe Copper 61/4 71/4 pm.	
9	Marke Valley 3% 4 Cal	mp Floyd 1 dis par.	
	New Lovell 234 3 Ch	ontales 11/4 11/4	
	North Kingston Col	orado Terrible 434 5	
	North Roskear 21 22 Do	n Pedro 238 258 pm.	
I		erhardt and Aurora 16 161/4	
	Parys Mountain 1% 218 Ec	lipse 1 1-16 1 3-16	
٠	Pennerley 3 31/4 Em	ıma — —	
•		ontino and Bolivia 1/3 1/8	
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ı	South Carn Brea 6 Mi	neral Hill Deb 96 98	
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	South Frances 56 58 Ro	ssa Grande 1/2	
6	South Lisburne % Ru	ssia Copper 7 8	
	South Roman Gravels, 1 114 Ric	hmond Consolidat 114 2 pm.	
	South Van 58, 108, Sle	rra Buttes 5	
	Tankerville 16 17 St.	John del Rey 30 32	
	Tincroft 59 61 Sou	th Aurora 21/8 23/8	
	Trumpet Consols 15s 16s. Sou	th Utah	1
	Van 50 52 Sw	eetland Creek 31/8 37/8	
1	Van Consols 1 1% Tac	maril 34 1/4 dis.	,
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1	West Chiverton 1714 18 Yu	danamutana 34 1	į
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. 1	Mr W H Curry to aver and to deal in a	II the shows and orders to DITY on	

Mr. W. H. CUELL is prepared to deal in all the above, and orders to BUY or SELL will be promptly executed, either for immediate settlement or account. Mr. W. H. CUELL will be happy to forward, free on application, his "Daily Price-List."

Bankers: City Bank.

Just published.

THE SECOND EDITION OF "THE STOCK EXCHANGE REVIEW," which everybody ought to read, contains the European Assurance Tragedy, the Gigantic Emma Mine, South Aurora Mines, together with other valuable information to investors. Forwarded on receipt of Three Stamps by the Publisher.—

J. H. BARKER, 8, Union-court, Old Broad-street, London.

Making Moulds and Cores for Castings.—The invention of Messrs. J. Demarest and J. L. Mott, of Mott Haven, U.S., relates to improvements in machines for packing green sand upon the corebars upon which they are built, and reducing the sand to the required shape for pipe cores, and consists in the arrangement of a pair of mould boxes or a mould box and a pattern, vertically on sliding supports, which move them towards or from each other, the said mould boxes or mould box and pattern being provided with gates for automatically closing the spaces between them when open. Also in the combination with the mould boxes and sliding supports of toggle-jointed arms, and a movable bar for operating the same, the mould boxes being moreover arranged to open wider at the top than at the bottom.

at the bottom.

UTILISING WAVE POWER AS MOTIVE FORCE.—Mr. S. R. DEVERELL of Mount Gambier, South Australia, proposes to employ the indirect action of the waves on a free or detached body within board of a vessel. The whole mechanical effect is due to the absolute motion of the detached body together with that due to the absolute motion of the ship. He erects a shaft in any convenient part of the ship, passing through the upper deck and resting on a lower one, free to rotate either way. To the lower end he attaches a heavy body with its outer extremity supported by a wheel travelling on a circular rail. On the upper end above the upper deck he attaches two bevelled wheels with circular ratchets. These wheels are to be loose on the shaft. Between these wheels he places an arm proceeding from the shaft, and having rival pawls to gear into and work the respective ratchet and bevil wheels. He provides a bevil wheel fixed on the end of a counter shaft, to fit between and gear into both of the bevil wheels on the vartical shaft.

SLATE AS A SUBSTITUTE FOR LITHOGRAPHIC STONE.—An im-

of the bevil wheels on the vertical shaft.

SLATE AS A SUBSTITUTE FOR LITHOGRAPHIC STONE,—An improved process and composition, whereby slate and various other materials are made to serve as substitutes for lithographic stones, have been invented by Mr. J. N. LAMBERT, lithographic artist, of Castlestreet, Bristol. He takes a block or slab, made emooth and true, and coats the same with glue or other gelatinous matter. In some instances he adds a solution of silicate of soda and bichromate of potash, or he may use this solution alone. The block or slab is then exposed to sunlight, and then washed, to remove the superfluous coating; then, after being dried, the said block or slab is ready for drawing or writing upon. He makes an ink or pigment with gelatine, albumen, or other gelatinous matter dissolved in a saturated solution of bichromate of potash, either with or without chrome alum, and with a small quantity of ivory black to render the ink visible. He then produces on the prepared block or slab the desired picture or other work with this tak, and allows the same to dry. When dried he exposes it to sunlight. After the exposure he covers the surface with gum or glycerine. The block or slab is then ready for the printer.

IMPROVED TURBINE WATER-WHEELS.—In the particular form of

is printer.

IMPROVED TURBINE WATER-WHEELS.—In the particular form of IMPROVED TURBINE WATER-WHEELS.—In the particular form of turbine wheel to which the improvements of Mr. E. P. CAPRON, of Hudson, U.S., are applicable, the vertical shaft to which the discs of the wheel are secured is without a hub, and the water is admitted through an inlet or neck on one side of the case or scroll in which the wheel is enclosed, and after having spent its force, is discharged through an opening in the centre of the wheel. These improvements consist—I, in making the buckets separate and detachable from the discs, between which they are so-cured, for the purpose of allowing them to be possible before being inserted in the wheel, so as to reduce friction, and also for the purpose of allowing them to be readily removed and replaced in case they should become broken; 2, in making a portion of the cover to the inlet of the seroil detachable, for the purpose of securing ready and convenient access to the gate and wheel, so that obstructions, such as sticks, which find their way into the seroil or into the wheel, may be easily removed, and a new gate may be fitted in without removing the wheel from the case or scroll, and without detaching the latter from the flume or water-box; and, 3, in connection with the shaft having no hub, in placing hellow flanges, corresponding in number to the number of buckets on the inner periphery of the discs at the discharge, which receive the water as it leaves the buckets, and continuous trapopelling action after it leaves the buckets. Which can be a supposed to the same the immediate and free discharge of the water from the case or seroil, and without steries the buckets.

ZINC AND LEAD ORES.

I AM PAYING as follows :-

Price current at the Lon- don market for a ton of spelter, common brands, during the month of the delivery of the ore.	at Antwerp, and con-	going prices for every
£19	£7 2 7	3s. 6d.
20	7 13 10	3 81/2
21	8 5 1	3 11

 CALCINED CALAMINE -9s. more than for blende.
 RAW CALAMINE (carbonate or silicato).—13s. more than for blende.
 LEAD-SILVER ORES.—220s. for 85 units of lead, deducting 3s. 4d. per unit below, all the silver being paid extra 4s. 10d. per ounce troy. I also BUY at the HIGHEST PRICES :-

ZINC AND LEAD ORES MIXED TOGETHER.

6.—SILVER-LEAD ORSS.

1 BUY any quantities, however large, contracting for as many years as de aired. Particulars by letter.

ARMAND FALLIZE, Ingénieur, à Liége (Belgium).

TO SILVER MINING COMPANIES,

A MANAGER, of many years' experience, with excellent testimonials, desires a PERMANENT APPOINTMENT. Speaks and vittes Spanish.

Address, "E. B. E.," S. B. Relf and Co., 12, Old Jewry-chambers, London.

WANTED, immediately, a good, practical, and experienced SILVER REFINER for a SMELTING and DESILVERISING WORKS in the SOUTH OF SPAIN.

Apply, with testimonials and references, to Mesers. DE NEUFVILLE and Co., Linares, Province of Jacu, Spain.

WANTED, a second-hand 26 inch HORIZONFAL HIGH-PRESSURE BLAST ENGINE, 4 ft. stroke, blowing cylinder 66 in., all complete for fixing. Must be strong and in good condition, with two forcers attached to cap gndgeron, one 24 in. diameter and one 34 in. diameter. Apply to John Lewis and Co., Tydee Tin-plate Works, near Newport.

GRANITE QUARRY.

AN EXCELLENT QUARRY, well opened, and out of which many thousands of tons of setts can be at once made, is FOR SALE. Close to a shipping place.

Apply, prepaid, to W. James Scott, 2, Warwick-street, Regent-street.

NORTH TRESKERBY.

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November 15th, 1871.

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TO SELL, OR LET ON HIRE, for cash or deferred payments, FIFTY COAL WAGONS, hopper built, with bottom and side doors, carrying seven tons.

Apply to Manston Coal Company, Leeds.

W ATER-WHEELS FOR ONE of 45 feet diameter by 5 feet wide, ONE of 40 feet diameter by 4 feet wide, ONE of 27 feet diameter by 8 feet wide.

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SURPLUS MACHINERY ON SALE.

FOUR WHEEL TANK LOCOMOTIVE, worked 15 months;
price £530; splendid STEEL BOILER, by Adamson, 16 ft. by 4 ft. 6 in.
price £60; several HORIZONTAL ENGINES, nearly new, and a large quantity
of similar and other machinery. ENGINEERS TOOLS, &c., &c., good as new,
and cheap.
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Selected List of Dividend and Progressive Mines, 5s.; selected List of Foreign
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ways, and Miscellaneous, ss.

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Miscellaneous Stocks and Shares bought and sold at the market prices subject
to a profit of 1 per cent. on the price of the day.—Aug. 25, 1871.

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KITABLISHED 1859.

ANALYSES and REPORTS ON METALLIC ORES. METALS, &c., daily attended to by Dr T. L. PHIPSON, F.C.S., Member of the Chemical Society ravis, &c.

		LEA	DO	RI	ES.			
Date	. Mines.	Tons	. P	rice	per	to	n.	Purchasers.
Nov.	10-Powell United	25		£11	9	6		Burry Port Company.
	-Nantiago	20		11	6	0		ditto
	14-Foxdale	60		12	5	6		ditto
	16-Wheal Mary At	n 45		21	5	6		Weston, Son, and Co.
	- ditto	38		13	13	6		Treffry Estate.
	-Roman Gravels	125	*****	12	3	0		Walker, Parker, & Co.
	-Bwadrain Cons	ols 30		11	1	6		A, Eyton.
	17-Pennerley	65	*****	11	15	0		Peter Glover.
					-	_	-	
		BI	EN	DE				

BLACK TIN.

COPPER ORE.

Date. Mines. Tonse. q. Price per ton. Parchasers. Nov. 15—Calabeek Fells. 2 9 3 £18 3 0 Bibby, Sons, & Co.

THE LEICESTERSHIRE IRONSTONE AND SMELTING COMPANY

(LIMITED).

Incorporated under the Companies Acts, 1862 and 1867. Capital £200,000, in 20,000 Shares of £10 each,

Of which it is proposed that £9 per share shall be called up as follows:—
£1 on application; £2 on allotment; £3 February lat, and £3 March lat, 1872.
The whole of the instalments may, however, be paid up to £10 on allotment in which case a priority of consideration will be given to such applications, and such shares will be entitled at once to rank for dividends on the whole amounts opaid up.

DIRECTORS.

J. BERGER SPENCE, Esq. (J. Berger Spence and Co., London, Manchester and Glasgow.)—Chairman.

The Bight Honourable Lord REANE, United Service Club, London.

W. T. MCULLAGH-TORRENS, Esq., M.P., London.

W. BYROM FOX, Esq., Chairman of the Goole Alum and Smelting Company, (Lunited), Congleto, Congleto,

(Limited), Congleton.
WILLIAM AUSTIN COGHLAN, Esq., Director of the Goole Alum and Smelting Company (Limited), Leeds.

Messrs. FORBES AND DICKINSON. 3, Copthall-buildings, London, E.C. BANKERS.

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Messrs, MERRIMAN AND PIKE, Library-chambers, Biomfield-street,
Finsbury-circus, London, E.C.; and
Messrs, PARTINGTON AND ALLEN, Town Hall-buildings, King-street,
AUDITORS—Messrs, QUILTER, BALL, AND CO., 3, Moorgate-street,
London, E.C.
SECRETARY—Mr. THOMAS KELLY.

TEMPORARY OFFICES,-75, MARK LANE, LONDON, E.C.

PROSPECTUS.

This company is formed to purchase about 1000 acres of valuable freehold land stuate in the parishes of Holt, Medbourne, and Bradley, in Lelecsterabire, and about midway between the towns of Market Harborough and Uppingtam, on the borders of Northamptonshire, and contiguous to the Medbourne Bridge Beatlon, on the Stamford and Rugby branch of the London and North-Western Railway, and to work, yend, and smelt the ironstone therein, and for smelting

Station, on the Stamford and Rugby branch of the London and North-Western Railway, and to work, vend, and smelt the ironstone therein, and for smelting purposes to take powers to erect blast-furnaces.

The estate consists of highly productive arable, pasture, and meadow land, with farmhouses, homesteads, and buildings, and is let to responsible tenants, at a rental of about 22000 per annum, which may be increased by the erection of dwellings for the labour of the district.

The geological position of the estate is in the Oolitic formation, in which are the Northamptonshire beds of ironstone; and the beds of ironstone in this property are calculated by a high authority (Mr. John Roseby), as per annexed report, to contain more than 16 millions of tons, which is equal to a wend of 300,000 tons of ore per annum for 54 years. It is important to notice that, after the removal of the ironstone and replacement of the top soil, the surface can be restored for cultivation.

The ore contains 33 to 40 per cent. of metallic iron of good quality, and the result in practical operation, as shown in the annexed report of Mr. Gjers, who is one of the highest authorities on the manufacture of pig-iron, is equal to 1 to of iron from rather less than 3 tons of ore, being a higher percentage than the Cleveland ores.

Large quantities of this class of ore are vended into Staffordshire, Derbyshire and South Wales, where it meets with a ready and increasing market.

Upon the estate are also large beds of gravel; a and for the preparation of pig-

Large quantities of this class of ore are vended into Staffordshire, Derbyshire and South Wales, where it meets with a ready and increasing market.

Upon the estate are also large beds of gravel; sand for the preparation of pigiron beds; and a superior brick earth.

It is estimated that the expense of laying out the ironstone beds for an output of 300,000 tons yearly will not exceed £6000, and that the cost of working and delivering into trucks will not average more than is, per ton, as the ore is obtainable chiefly by quarrying, and can be opened out sufficiently in three months to deliver this quantity.

It is proposed to vend 150,000 tons, and also to smelt 150,000 tons of ore per annum, subject to such deviations as circumstances may render desirable.

The selling price of the ore in Staffordshire is 6s, 6d, to 7s, a ton, and the total coat (calculated at 4s, 1d, delivered there), would leave a profit of 2s, to 2s, 6d, per ton.

Total. £54,600

Which is equal to a profit of 30 per cent. per annum upon the proposed pa capital, and it is a novel and important feature in this company that the of the freehold estate for agricultural purposes is equal to about one-ha nurchase money.

of the freehold estate for agricultural purposes is equal to about one-man supported the most of investment has been, hitherto, but little known to the general public, because local ironmaster have, for the most part, monopolised the enormous profits resulting from ironstone undertakings, but several limited companies which have taken up this branch of industry are paying dividends ranging from 15 to 25 per cent, which proves the very lucrative nature of this description of industrial enterprise.

Mr. Robert Hunt, F.R.S., of the Mining Record Office, states that the out-put of iron ore in 1869 had advanced to 11,500,000 of tons, of the value of £5,732,860, the quantity being more by 1,340,000 tons than in 1868. This amount was largely exceeded in 1870, and has been much more increased in the present year.

According to the Board of Trade returns, the export of iron and iron manufactures for the ten months of the present year reached the enormous total of 3,500,000 steriing.

According to the Board of Trade returns, the export of iron and iron manufactures for the ten months of the present year reached the enormous total of \$5.00,000 sterling.

The demand for first-class iron ores of all kinds exceeds the supply, and prices have advanced accordingly; and never before has there been such an impetus given to ironstone mining. The demand for pig-iron is altogether unprecedented. Makers are in many instances over sold, and there is no probability of other than a great expanison of business in the iron trade.

An agreement has been entered into for the purchase of this property for the sum of £110,000 in cash, and £28,000 in fully paid-up shares, a price which is about 2d. a ton for the ironstone, exclusive of the agricultural value and the lower ironstone bed.

An offer has recently been made by one of the largest rall makers in the country for £0,000 tons of pig-iron to be made from this ore, at a very remunerative price.

Arrangements have also been made for obtaining a perpetual way leave from the property to the London and North-Western Italiway, the terms of payment for which are provided in the contrast specified below.

A contract, dated the 30th day of October, 1871, and made between Edwin Gerard of the one part, acd William Byrom Fox and Frederick Williams, of the other part, has been entered into, and a copy thereof and of the plans annexed thereto may, together with a copy of the Memorandum and Articles of Association, be seen at the offices of Messrs. Merriman and Pike, solicitors, Library chambers, Bloomfield-street, Flusbury-circus, London; and the original contract and plans annexed thereto may, together with a copy of the Memorandum and Articles of Association, be seen at the offices of Messrs. Partington and Allen, solicitors, Trown Hall-buildings, King-street, Manchester.

The directors invite a careful persual of the accompanying reports.

Prospectuses and forms of application for shares may be had from the bankers, solicitors, Irovar Hall-buildings, King-street, Manc

Copy Report of Mr. GJERS, of the firm of GJERS, Mills, and Co.,
Ayresome Iron Works, Middlesborough.
Middlesborough-on-Tees, 5th Angust, 1871.
GENTI.EMEN.—In reply to yours, asking me to give you my experience of the "Nevill Holt." Iron ore, I can only say that, having gone over the estate and examined the bed, there is no doubt of its existing in very large quantities, and that it could be cheaply worked and easily opened out at a comparatively small outlay. The ore is the Northampton bed, and it may be considered in practice, without much sorting, to contain 35 per cent. of Iron; that is, it would require about 3 tons of ore to makel ten of iron. The quantity of nearly 200 tons, which I superintended the smelting of at Clay Oross, came out at about 37 per eemt. but this was probably more carefully sorted than would be necessary in practice if the ore was smelted on the spot. The quality of the iron from it may be considered similar to that smelted from Northamptonshire ores, and is, more particularly, a useful iron for foundry purposes. About the probable quantity of ore on the estate, and the actual cost of getting, I would prefer you to consult a mining engineer.

Copy report of Mr. John Roseny, Mining Engineer and Mining Surveyor.

Copy report of Mr. John Roskby, Mining Engineer and Mining Surveyor,

Copy report of Mr. JOHN ROSERY. Mining Engineer and Mining Surveyor, Engineer to the Frodingham ironatone Properties.

Haverholme-house, near Brigg, Lincolnshire, 30th September, 1871.

GENTLEMEN.—I have carefully examined the property set forth in the schedule and plan hereto attached, situate in the parishes of Holt, Medbourne, and Bradley, about six miles from Market Harborough, in the county of Leicester, and containing about 100% acres, and now beg to lay before you my views as to the geological position of the property and the Ironatone to be found therein. First: As to the geological position. The strata found to exist immediately below the surface are known as the Lower Colite, in which the Northampton beds of fronstone exist; below this is found the Lias and Maristone, in which the Cleveland and North Lincolnshire beds of ironatone are found. The first of these beds forms the surface of a considerable area of this estate, and is known as the Northamptonshire bed of fronstone; below this is a series of Blue Shale beds for a depth of 35 yards, where the top Cleveland bed may be found. The third bed of fronstone will be found about 30 or 40 yards below the top Cleveland bed.

land bed.

Becondly: With regard to the first of this series of ironstone beds, or that known as the Northampton bed, it is found to crop to the surface in various parts of the satae, and forms the surface with a thin covering of soil over a considerable ares. It is variable in thickness. It has been opened and worked by open quarry, and many thousands of tons have been sent into Staffordshire and soil to various ironmasters, who speak in favourable terms as to its quality and character. In fact the price realised for the stone in Staffordshire is a proof that, it is favourably received.

and character. In fact the price realised for the stone in Standard that it is favourably received.

The average thickness of this bed of fromstone may be safely taken at 15 feet over an area of about 30° aeras of this property, and will produce a gross total of nine million (9,0%,00°) tons of fromstone.

The second, or No. 2 bed of fromstone, known as the Cleveland Top Bed, will be found about 4 feet 6 in. in thiskness, and will be obtained by mining. This bed will be found to exist under at least 80° acres of this property, and will pro-

duce a gross total of seven million two hundred thousand (7,200,000) tons of

duce a gross total of seven million two hundred thousand (7,200,000) tons of Ironstone.

The third, or Main Cleveland, or North Lincolnshire bed of ironstone, will be found to extend under the whole of the estate. This bed has not been worked in any part of Leicestershire or Northamptonshire, although it is exposed at the surface at various points in both counties and also in Ratlandshire, but at places where it is not accessible either by water or rail. I estimate that this bed will yield (after allowing for loss by mining) 20,000 tons per acro. But to leave this bed entirely out of calculation and to deal with the first two beds, we have a gross total of sixteen millions two hundred thousand (6,200,000) tons per annum for a term of fifty-four (54) years.

Large quantities of this ore are vended in Staffordshire, Derbyshire, and South Wales, where it meets with a ready market, and is at present in great demand through the whole of these districts.

I estimate that the expense in laying out these mines for working and vending three hundred thousand (300,000) tons of this stone per annum would not exceed six thousand (500,000) tons of this stone per annum would not exceed six thousand (500,000) tons of this stone per annum would not receed one shilling (1s.) per ton on the average; but assuming the oater of working these two beds of ironstone and delivering the ore into trucks will not exceed one shilling and four pence (is. 4d.) per ton into railway trucks, the cost of transit to various parts of Staffordshire may be taken at an average of 2s. 9d. per ton, and wagon hire 6d. per ton. The selling price is at present too less than 6s. 9d. in Staffordshire, so that a clear profit of two shillings and twopence per ton may be realised on the sale of ironstone.

By smelting a portion of the stone on the place an additional profit can be realised, as the ironstone can be put into the furnaces from this property at less cost than in any place where pig-iron is at present made. In fact there is no doubt that pig-iron ca

THE LEICESTERSHIRE IRONSTONE AND SMELTING COMPANY

(LIMITED).

(LIMITED).

FORM OF APPLICATION FOR SHARES.

(To be retained by the bankers.)

To the Directors of the Leleestershire Ironstone and Smelting Company
(Limited).

GENTLEMEN.—Having paid to the credit of the company, at your bankers the
sum of £, being £i per share on my application for shares of £10 each
in your company, I request you to allot to me that or any less number of the
said shares, and I hereby agree to accept the same, and to pay the balance in
respect thereof, and to be registered as a member of the company in terms of
the Articles of Association of the company.

Name (in full)

Address.
Profession (if any)
Signature.

Addition to be signed by applicant desiring to ray up all the instalments

I desire to pay up my subscription in full on allotment.

I desire to pay up my subscription in full on allotment, thereby entitling me to priority in the allotment, and to rank at once for dividends on the amount paid up.

Signature

This sheet to be filled up and remitted to the National Provincial Bank of England, 112. Bishopsgate street Within, London, or its branches, with the sum payable on application.

Notices to Connespondenis.

• Much inconvenience having arisen in consequence of several of the Number during the past year being out of print, we recommend that the Journal should be filed on receipt: it then forms an accumulating useful work of reference.

EXTRACTING SILVER FROM LEAD.—Would some of your correspondents kindly inform me through the medium of your valuable Journal who are the patentees (if any patent) for the modern method of extracting silver from lead by means of an admixture of zinc, and which requires much less labour than either Pattinson's or Parkes's process? I heard it was a Cornwail firm, but have never been able to ascertain the true facts. By giving the information they would greatly oblige.—DESIDERATUM.

THE MINING JOURNAL

Bailway and Commercial Gazette.

LONDON, NOVEMBER 18, 1871.

THE COPPER TRADE.

Slowly but surely and steadily that change is coming over the copper market which we have from time to time indicated, and more especially in an article on copper in the Journal of Sept. 2, when we spoke of the increasing demand as gradually overtaking the increased production of late years; and pointed out that it was rather in new outlets than in the revival of old channels that the producer has to look for a better return for his labour and outlay. Not only, however, is this result being brought about by new demands, but also by a perceptible falling off in the supply of copper from South America, and whether this latter is from the closing of mines in Chili, by means of the late unremunerative prices obtainable for raw copper in Europe, or from the abstraction of labour from the copper mines for the more remunerative if perhaps the more risky silver mining in Peru, the fact remains the same, that we shall receive from Chili 5000 tons of copper this year less than last year. At the same time, an available

remunerative if perhaps the more risky silver mining in Peru, the fact remains the same, that we shall receive from Chili 5000 tons of copper this year less than last year. At the same time, an available stock of copper, by which we mean the quantity lying at Havre, London, Swansea, and Liverpool, including also what is afloat from and chartered in Chili, was on, November 1, 4500 tons of fine copper less than on the same date last year, and that despite a diminished export to India of about 4000 tons in the 10 months of this year, as contrasted with the shipments in the same period of 1870, which was again 3500 tons less than the same 10 months of the preceding year. These figures are indeed the most astounding that have been presented to the trade for a long time, and it behoves us to enquire as to the channels into which the copper is going, as well as to point out to those who trade with India that their influence is fast passing away, at least as regards the regulation of prices. This latter assertion is incontestibly proved in the fact that despite the diminished exports to India the price of braziers' copper, which is the special article used in that market, was 51, per ton higher on the 1st inst. than on Nov. 1, 1870. With this diminishing demand from and influence of India on the copper market seem also to be passing away those manufacturers who made that trade their speciality, their place being taken by manufacturers of finished articles more in consonance with the progress and necessities of modern life. This great change, however, would not have been so rapid but for two almost unexpected conditions—war and the economic errors of our neighbours. Justly may Englishmen point with pride to that good sense in her people which has freed her of late years from great wars, and sanctioned the deve-Englishmen point with pride to that good sense in her people which has freed her of late years from great wars, and sanctioned the development of free trade as the only sure basis of commercial prosperity, and if only her traders and manufacturers would drop their conservatism, and admit the inestimable value of what we may term free trade in knowledge, no European, and perhaps no nation in the world, could compete with her in the excellence and cheapness of her manufactures. A striking example of the result of following the opposite course lies in the fact that the Protectionist policy of the United States has fairly stamped out and driven to English shores the trade of shipbuilding, in which Americans, before their civil war, were making for themselves a world-wide fame. Thus we are now building steamers not only for carrying on our own trade, but also for the trades of other countries, and at the same time the English are fast monopolising the sea-carrying trade of the world. Still more, even we have built, and are still building, nearly all the iron-clad men-of-war aftont, excepting those of some of the largest European navies, whilst it is estimated that we have at this moment 600 steamers in the course of construction in the building yards of Great Britain. This is a fact which involves activity not only to the shipbuilding trades, but also to all those trades which manufacture the component parts of a steamer, amongst which the most interesting to our present purposes, although not by any means the least important, is that of the manufacture of the copper and brass rods, plates, and tubes essential in the construction of every steamer. Thus we are brought to face the most striking, and perhaps the most rapidly increasing,

outlet of modern times for copper. Indeed, such a rapid enlargement of a trade might be almost alarming, as pretty sure to be followed by a strong reaction; but we have a remarkable instance of the increasing necessity of steamers in connection with that very country which sends us the greater part of our cotton. Not many years ago, and not even so many months ago, the trade with the west coast of South America was carried on entirely by sailing vessels. Then an occasional steamer was started. After that a regular monthly packet, and now it has been determined to send a weekly steamer from Liverneed to Chili and Peru.

and now it has been determined to send a weekly steamer from Liverpool to Chili and Peru.

Coincident with this marvellous increase in our steamer building
trade, there is an equal activity to be found in our locomotive building shops, where the demand is in excess of the capabilities of production. At the same time, there are several new deep-sea cables to ing shops, where the demand is in excess of the capabilities of production. At the same time, there are several new deep-sea cables to be started, which will require a large quantity of copper in the form of wire. Let us, however, leave these alone for the moment, and turn to the influence of modern war on the copper trade. In war it is an essential point for success that the soldiers can depend not only on the efficiency of their weapons—generally a rifle of some form or other—but also on the certainty that every charge put into them shall explode when required. The bullet, the powder, and the fullminating mixture, by which the charge is fired, must in a modern rifle be in one case, which case will of necessity be exposed in actual warfare to rain and damp. It is essential, therefore, that this enveloping case shall be of some material which shall protect the contents from all moisture. The Germans entered on their late war with France armed with a cartridge enveloped in a cardboard case, but in that war, although victorious, they have learnt that their cartridge cases must be of metal, like those of England, France, Spain, Austria, Italy, Russia, &c. Now, the metal best adapted for this cartridge case is either copper or brass. The forms of case are as various as the number of inventors of rifles and cartridges, but they are all made of either pure copper, or of the alloy of copper and spelter, known as brass. Of all, the most complex is that in use in the English army, and known as the Suider cartridge. On a future occasion we propose to speak of the relative merits of the different kinds of cartridge cases, and of the modes of manufacturing them; but, for the present, let us ask what this decision of the German will transmit pose to speak of the relative merits of the different kinds of cart-ridge cases, and of the modes of manufacturing them; but, for the present, let us ask what this decision of the German military autho-rities means as regards its influence on copper? Why, it means this that there must be stored in the arsenals of the German empire enough that there must be stored in the arsenals of the German empire enough cartridges enveloped in copper or brass to supply their vast hosts of fighting men, when she may be called on again to send her armies into the field. Many and many a ton of copper will thus be abstracted from our floating stock, and we may consider that we have added another permanent customer for our copper produce. It would be a more pleasant task to dilate on the appliances of peaceful life, but in the face of the advantages which France must eventually derive from the exposure of her own rottenness—political, social, and moral—in the "Slough of Despond" through which she has lately passed, it is impossible but to think that wars are necessary means of overthrowing tyrants, and awakening nations to a just sense of their individual and collective responsibilities.

THE DEVELOPMENT OF THE SOUTH WALES COAL FIELD.

The development of the almost unbounded resources of South Wales is a matter not only of paramount importance to the Principality, but is a subject of national interest. Without speculating upon the vexed and much controverted question of the duration of our coal fields, we make bold enough to affirm that, so far as South Wales is concerned, her mineral resources have, comparatively speaking, only just been tapped, that there are vast areas of the most highly. is concerned, her mineral resources have, comparatively speaking, only just been tapped, that there are vast areas of the most highly-prized coal untouched, and that, worked to the very utmost extent possible, no fear need be entertained of a falling off in the supply of the precious diamonds from that district for many generations yet to come. South Wales is the youngest of our coal fields, its seams are more easily worked, and to its proper development, therefore, we shall have gradually to look for a supply of its mineral deposits as the yield in the older and more exhausted districts gradually decreases. We do not wish to infer that there will be any appreciable diminution in the output from the northern coal basin during moderate limitations, but we regard Wales as a future national stre rate limitations, but we regard Wales as a future national stare, whose valuable treasures have scarcely been approached, but which are destined to become more and more appreciated as time rollson, and as the demand increases. The better development of the South Wales coal field is, therefore, a matter of considerable importance, and one of the greatest interest to all connected with the staple

and one of the greatest interest to all connected with the stapped trades of the country.

Up to the present moment the commercial destinies of Wales have been in the keeping of the Great Western Railway. However valuable and exhaustless the deposits of any district, however enterprising the merchants and the manufacturers, all are comparatively worthless without adequate railway facilities, and the means of eavy and direct transit. How Wales has hithertoyearned for better means of access to the shipping ports and great centres of manufacturing consumption—how her colliery proprietors, her ironmakers, and her merchants have struggled against innumerable difficulties in the transit of their minerals and goods—how the whole trade of the district has merchants have struggled against in numerable difficulties in the transit of their minerals and goods—how the whole trade of the district habeen hampered for want of the narrow-gauge and proper railway facilities, need not now be referred to—suffice it to say that the Great Western Company, by their persistent disregard of the requirements of the coal and iron trades, ignoring the claims of the commercial interests of Wales generally, have pursued a most suicidal policy, and has hitherto prevented Wales from taking that prominent position in the commercial world to which she is entitled by reason of her unbounded mineral wealth. It is, however, a matter of satisfaction to find that there is now every probability that the former state of things is likely to passaway. The present directorate of the Great Western Railway, wiser in their day and generation than their predecessors, are evidently anxious to promote a healthy expansion of the trade of South Wales, and have initiated measures which, when carried out in their entirety, can scarcely fail to afford a stimulus to the iron and coal trades of the Principality of which we can now form but an inadequate conception.

but an inadequate conception.

There are three schemes prominently before the commercial world by which, conjointly, the Great Western propose to secure this great desideratum—the laying down the narrow gauge over the whole South Wales system—the carrying out of the Severn tunnel scheme, and the purchasing of the Swansea canal, with the view of carrying a line of rail up the important mining and manufacturing district of the Swansea Valley. With regard to each of these schemes, signs are not wanting that the company are prepared to carry out their execution without unnecessary delay. The traders of the district have been so often disappointed in the realisation of their ardent wishes, consequent upon the oft-broken promises of the board trict have been so often disappointed in the realisation of their ardent wishes, consequent upon the oft-broken promises of the board of directors, that we should naturally hesitate to hold out any hope of relief had not our enquiries guaranteed the truth of our remarks. With regard to the first means of development—the laying down the narrow gauge—our readers are already aware that it is in process of being carried out. We believe it was in the year 1854 that a memorial, signed by about 700 of the principal colliery proprietors, iron-makers, and merchants of South Wales, was sent to the Great Western Company, urgently den anding the pageons cause as the only means Company, urgently den anding the narrow gauge as the only means of transit which would effectual suit the district. The narrow gauge was promised, but there the matter ended, and for 17 long years the traders have struggled on in the transit of traders have struggled on in the transit of minerals and goods in the face of obstacles which perseverance and determination alone can surmount. We are now on the eve of better times, and we are firmly and the struggled of the of opinion that upon the completion of the narrow gauge not only will the whole trade of Wales be greatly enhanced, and the transf of minerals expedited, but that in a pecuniary point of view the

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or minerals expedited, but that in a pecuniary point of view the Great Western Company will have no cause for regret the oulsy made, considerable as that outlay must necessarily be.

The second scheme—the completion of the Severn tunnel—is one from which the greatest good is naturally anticipated. The present route between South Wales and Bristol and the West of England is practically useless so far as the carriage of scale and of heavy goods practically useless so far as the carriage of coals and of heavy is concerned, whilst access to the metropolis and many of the manufacturing centres can only be obtained by most circuitous and expensive routes. Of three schemes propounded for solving the difficulty of crossing the Severn, so as to best meet the requirements of the whole district, the Great Western has espoused that of making a

munel underneath the Severn, between the New Passage and Ports-kewett, and they have given notice of their intention to proceed during the next session of Parliament for power to carry this project into effect. This scheme is that generally known as that of the RICHARDSON'S plan (it being designed by that very talented engineer, Mr. CHARLES RICHARDSON), and it commends itself to public approval, from the fact that it can be carried out for a comparatively small sum—that the formation of the bed of the river is admirably adapted for the work; and, lastly, that it will open up for the coal of South Wales the most easy and direct route to the whole of the West of England and Bristol, and other large ports, a consideration of great importance, having regard to the fact that the one great want of these ports is "back freights" for the vessels which bring home large imports of grain, sugar, and other commodities. This scheme of the Great Western Company will, unquestionably, go before the parliamentary committee, backed by the powerful support of the merchants and traders of Bristol and the West of England generally, together with that of many of the large colliery proprietors and ironmakers of the South Wales district, and we can scarcely doubt the result.

The third scheme, the purchase of the rights of the Swansea Canal Company, must be regarded more of a local than general character, we the making of a line of rail un through the Swansea Character, we the making of a line of rail un through the Swansea Character, we the making of a line of rail un through the Swansea Character, we the making of a line of rail un through the Swansea Character, we the making of a line of rail un through the Swansea Character, we the making of a line of rail un through the Swansea Character,

and ironmakers of the South Wales district, and we can scarcely doubt the result.

The third scheme, the purchase of the rights of the Swansea Canal Company, must be regarded more of a local than general character, but the making of a line of rail up through the Swansea Valley will be a great boon to the many large ironworks and manufactures of that district, and give the necessary accommodation to important coal fields, which now lack the necessary means of obtaining easy access with the important port of Swansea. The railway company have given the necessary notice of their intention to apply to Parliament during the ensuing session for power to purchase all the existing rights of the Canal Company; and, although the scheme may be opposed by a few interested individuals, probably the company will show such a strong case that Parliament will not hesitate granting so great a boon to the district.

We have now given a very brief outline of the schemes which the Great Western Railway Company propose for the better development of the South Wales coal fields. Whatever has led to this evident desire to expand the trade of the Principality on the part of the Great Western, or whatever the result of the applications to Parliament, it is a matter of the greatest satisfaction to find that the directors are alive to the importance and necessity of providing adequate means of transit for the precious minerals of the district, and are anxious to meet the rapidly expanding trade, which, despite the many difficulties it has still to contend with, is now setting in throughout the chief centres of the Principality. The Great Western Company, on its part, should remember that it no longer obtains a monopoly of the district; the Midland and the London and North-Western Companies have, by dint of hard fighting and perseverance, at length obtained a footing on Welsh soil, and will unquestionably advance strong claims for the support of the traders generally. The Great Western is, however, the legitimate line of the country, and alt

COLLIERY EXPLOSIONS, AND THEIR PREVENTION.—In the Supplement to this day's Journal will be found the abstract of an important paper read before the South Wales Institute of Engineers by Mr. Thomas Joseph, wherein the mode of working fiery seams with almost total immunity from accidents through explosions is carefully explained. As Mr. Joseph and his pupils having during the past 35 years opened upwards of 5000 acres of the notoriously fiery coal of the Aberdare, Merthyr, and Rhondda Valleys, with the loss of only six lives from explosion, some opinion may be formed of the practical value of the system adopted, which consists essentially of working always to the dip instead of the rise, by which means the seams and adjoining strata are kept completely drained of the explosive gases. Nor is the supposed advantage of facilitating haulage to the pit's bottom resulting from working to the rise lost, for Mr. Joseph puts out occasional horizontal haulage levels, and thus draws much of the coal from a shallower depth than is usual on the other system of working. It will be obvious that the system, with alight necessary modifications for altered circumstances, would be applicable for other districts than South Wales, and for long wall and pillar and stall workings equally. Indeed, it is questionable whether, in the case of many existing collieries now scarcely workable from their liability to explosion, it would not be a wise economy to put down an additional shaft to the rise, and make all shafts on the dip side of the workings downcasts. By such an arrangement the haulage and drawing might often be continued almost as at present, and the necessary changes in the air-courses could be made without laying the pit idle more than a few days, and with little or no risk to life or limb. The whole subject is one to full of interest that it appears most desirable that it should be thoroughly discussed by colliery viewers and colliery engineers.

The Export Coal Trade.—The exports of coal from the United Nicker and colliery eng

The Export Coal Trade.—The exports of coal from the United Kingdom amounted in October to 1,292,271 tons, as compared with 953,499 tons in October, 1870, and 987,946 tons in October, 1869. The exports to France have again attained considerable importance, having amounted in October to 168,962 tons, against 90,104 tons in October, 1870, and 146,303 tons in October, 1869. In the ten months ending October 31 this year, the aggregate exports of coal from the United Kingdom were 10,651,001 tons, against 9,784,497 tons in October, 1870, and 9,029,751 tons in October, 1870, and 9,029,751 tons in October, 1869. In these totals the exports to Germany figured for 2,109,025 tons, 1,899,806 tons, and 1,417,530 tons respectively; and those to France for 1,577,285 tons, 1,899,806 tons, and 1,649,135 tons respectively. The exports of coal from the United Kingdom have increased this year to Russia, Germany, Holland, Italy, Brazil, and British India; but they have decreased to Sweden, Denmark, and Spain. The value of the coal exported in October was 645,838L, against 458,464L in October, 1870, and 476,717L, in October, 1869; and in the ten months ending October 31 this year, 5,135,800L, against 4,688,964L in the corresponding period of 1870, and 4,330,938L in the corresponding period of 1870, and 4,330,938L in the corresponding period of 1869.

THE BESSEMER ORDNANCE.—The great gun that is being manufactured, in accordance with the patented improvements of Mr. Henry Bessemer, is rapidly approaching completion. This monster cannon is calculated to carry a ball of 700 lbs., with a force equal to the battering in of any entire plate of an iron-clad vessel, and taking it completely through the opposite side, the vessel the while being crumpled up like a deal match-box. There absolutely appears to be no exaggeration in this statement.

LEAD IN JERSEY .- The Pulec Lead Mines have been inspected and reported upon by Captain JOHN RUMFREY. The silver-lead lode or vein which constitutes the mine is situated at l'Etac, St. Ouen's, Jersey. The lode is about 2 ft. wide, 1 ft. of which is rich lead ore. The general matrix of the lode is carbonate of lime, white and brown Quartz, red and white felspar, and radiated iron pyrites. With re-gard to the nature and quality of the ore now being raised at the very surface, Capt. RUMFREY considers it is beyond all dispute, even to the inexperienced eye, and he thinks it will become much richer in depth, and he believes that with a moderate outlay ample returns would soon be made. Mr. OGIER has also made a long report in French, in which he refers in the most enthusiastic terms to the would soon be made. Mr. OGIER has also made a long report in French, in which he refers in the most enthusiastic terms to the geological conditions which led to the separation of Jersey from Sark, where his colleague, Capt. RUMFREY, has had some experience in silver mining. Mr. OGIER seems to regret that the islands of Sark and Jersey have been so violently separated from each other, and adds that if the geologist could retain any doubts upon the subject they would be removed by observing that Nature, admirable in her logical manifestations, has deposited identical treasures in both islands—lead, sulphur, arsenic, tin, copper, antimony, and silver—and that there is the mathematical certainty of finding at Pulee the metalliferous vein the other end of which they have shown to exist in Sark—"a silver ribbon that the sea has sought in vain to hide in Sark—"a silver ribbon that the sea has sought in vain to hide beneath its billows." Upon approaching the mines he observed a strong smell of hydrosulphuric and sulphurous acid gas, coming, he concludes, from the natural combination of sulphur, iron, and the oxygen of the ambiant air, exhaling an odour of rotten eggs. He explains trigonometrically where the shafts should be put down, and concludes that 1000L in the hands of an efficient English mining engineer would suffice to prove with certainty the positive or negative value of the mines.

PITCHBLENDE.—At the Royal Institution of Cornwall meeting, on Tuesday, Mr. W. J. Henwood, F.R.S. (the president), referred to a specimen of pitchblende presented by Mr. R. Pearse. During the last summer he had been engaged in inspecting valuable mines of silver and gold in Nevada, and whilst there recognised among the rejected rubbish pitchblende—the oxide of uranium. The miners said it gave them much trouble, and were astonished to learn it was worth so much—400l. per ton. Pitchblende, though by no means abundant in Cornwall, had long been known. More than 50 years since it was found in St. Just, by Mr. CARNE. Some hundredweights were sold from Providence Mines 20 years since, but realised only 30l, per ton. It had also occurred elsewhere, and had been brought to light at Wheal Trenwith by the disappointment of the anticipations which had been entertained by the smelter, who thought he had a large proportion of valuable black copper ore.

NEW IRONSTONE DISTRICT.

A prospectus is issued of the LEIGESTERSHIRE IRONSTONE AND SMELTING COMPANY (Limited), requiring a capital of 200,000L, in 20,000 shares of 10L, each. The object of the company is to purchase an eligible agricultural estate of 1000 acres or thereabouts, producing a rental of 2000L. Beneath the rich soil of this estate is found to exist extensive beds of ironstone of a higher percentage than that of Cleveland, and the most appropriate of colitic ores for the manufacture of pig-iron, for which, just now, there is an unprecedented demand. The quantity of workable iron ore, according to Mr. Roseby's estimates, is 16,000,000 tons, without taking into account a deeper body which is said to extend under nearly the whole area of the estate. The price to be paid for the freehold is 138,000L—110,000L in cash and 28,000L in shares fully paid-up, a price which may be considered very moderate, as it represents only about a farthing a ton for the iron ore, without any royalty to be paid. Another favourable feature of the company is that its actual value for agricultural purposes alone is estimated at nearly one-half the purchase money. The value of the iron ore has been tested practically by Mr. Gjers, whose opinion is to be fully relied upon, and it is a very significant and important fact in the advent of these new works that one of the largest railmakers in the kingdom has offered to take 50,000 tons of iron to be made from the ore at a price which will yield a very substantial profit. The board of directors is a strong one, and consists of Mr. J. Berger Spence as Chairman, whose extensive and practical experience in minerals and metals entitles him to confidence: the Right Hon. Lord Keane, Mr. T. McCullagh Torrens, M.P., Mr. W. Coghlan, and Mr. W. B. Fox.

We have all along advocated in our columns the opening up of fresh sources of supply of ironstone in our own country, where there is plenty, instead of fetching it long distances from abroad; and we hail with much pleasure this pioneer company

REPORT FROM SCOTLAND.

Nov. 15.—The warrant market kept very quiet and steady throughout last week, the price continuing about 66s. to 66s. 6d. until Friday, when 67s. 6d. cash was paid. On Monday there was a very much brisker demand, and a large business done at from 68s. to 69s. 3d. cash. Yesterday the market was somewhat irregular. It opened at 68s. 9d. receded to 68s. 1½d., and advanced again to 68s. 9d. cash, closing with buyers at that price, and sellers at 69s. To-day the business done has been comparatively limited, and the prices rather easier—68s. 1½d. to 68s. 4½d. cash, and 68s. 6d. to 68s. 9d. one month, closing steadily at the higher figures. The demand for Iron seems unabated, and another decided advance has taken place in the prices of makers' iron. The exports are still excessive, while the imports from Middlesborough, on account of the great scarcity of iron in that quarter, are much less than was anticipated:—

No. 1. No. 5.

			No.		1	No.	3.
G. M. brands at Glasgow	(deliverable ale	ongside)	70s.	Od.		68s.	6d.
Gartsherrie ditto	ditto		81	0		70	6
Coltness ditto	ditto		81	0		70	6
Summerice ditto	ditto		76	0		68	6
Carnbroe ditto	ditto.	ex store.	72	0		-	
., ditto	ditto		74	0		69	0
Langloan, at Port Dunda	s ditto	**	76	0		69	0
Calder ditto	ditto		77	6		68	9
Glengarnock at Ardrossa	n ditto		77	0		70	0
Dalmellington ditto	ditto		70	0		69	0
Eglington ditto	ditto		70	6		69	0
Carron at Grangemout	h ditto		70			-	
ditto (se	elected) ditto		75	0		-	
Shotts ditto	ditto	**	74	0		68	6
Kinneil at Boness	ditto		72	0		67	0
G.M. brands at Middlesbo	brough ditto		60	0 .	. 55		7 6
Bar iron	************	£8	15	0 to	£9	0	0
Nail rods		9	0	0			
	CHITTING IN NOTICE						

forward to market is insufficient to supply, and coalmasters are being saddled with demurrage expenses, on account of the detention of vessels in port. During the week we had an opportunity of a run through the Wishaw district, and observed on the sidings along the lines of railway great numbers of loaded wagons waiting for haulage to bring them to market. It was also noticeable that at the numer ous pits there were almost no "binga" of coals, as at this time last year, but every available hutch as it comes to bank is hurriedly screened, and sent forward to its destination. The shipments for the week were 46,569 tons, against 29,022 tons in the corresponding week last year, the principal portion of the foreign exports being shipped from Grangemouth and Leith to North European ports. The colliers (who are making a fair wage) are agitating for an advance of wages in several districts of from 6d, to 9d, per day, but do not seem disposed to strike. Several meetings are called for this week with

the view of securing simultaneous action in all the coal districts of Lanarkshire.

We regret to state that the books of Mr. Thomas Thorburn, iron merchant, has had to be put into the hands of an accountant. The liabilities incurred, it is said, almost entirely shrough "bearing," amount to from 18,000, to 22,000%, and it is worthy of note that this gentleman had about three months ago a sum at his credit in the bank in cash equal to the highest amount stated. We trust the suspension will only be temporary, and will be arranged without difficulty to the parties concerned. We have heard that Mr. Thorburn has still a considerable sum in cash lying at his bank credit, which will be cheerfully given up to meet the liabilities.

The prosperity of the shiphuilding on the Clyde is certainly very

given up to meet the liabilities.

The prosperity of the shipbuilding on the Clyde is certainly very gratifying to all engaged in it, and is attracting new adventures. The shipbuilding business at 60van, which was recently supended for a time owing to the death of the late Mr. John Doble, has been resumed by a new co-partnery, who will carry on the concern in all its various branches. Mr. James Young, who was a long time with the firm of Doble and Co., is to continue the principal practical superintendence, and that gentleman, along with Mr. John William Johnston, son of the late Mr. James Johnston, formerly of the Colpho Ironworks, user St. Petersburg, will continue the business under the name of the old firm.

Johnston, son of the late Mr. James Johnston, formerly of the Colpino Ironworks, near St. Petersburg, will continue the business under the name of the old firm.

It is rumoured that the fleet of steamers employed by the Messrs, Allan, of Glasgow, in the North American trade, has been purchased by the new shipping and shipbuilding firm at Barrow-in-Furness, of which ex-Battle Duncan, of Port-Glasgow, is managing director.

Yesterday the fourth of five vessels building on the Clyde for the Stoomvaart Nederland Company was launched. It is an iron screw steamer of 3000 tons gross, and was named the Conrad. She will be employed in the company's service between Amsterdam and Java wis the Sues Canal, and is of the following dimensions:—Length between perpendiculars, 350 ft.; breadth, 39 ft.; depth moulded, 31 ft. In her construction and equipment she has been fitted with all the latest improvements. The engines are on the compound principle.

COURTS OF CONCILIATION AND ARBITRATION.—At a meeting of our Chamber of Commerce, this week, a letter was read from Mr. A. McDonald, writer—who is acting on behalf of Trades Associations here—intimating that, in answer to their request, Mr. Mundella, Mr., was willing to address public meeting on the question of the formation of Court of Conciliation between masters and employees. He was also of opinion that he could induce Mr. Brassy, M.P., to accompany him in his visit, if his correspondents here could secure them an instance of Mr. Walter Patterson, the Chamber of Commerce. Ultimately, on the suggestime of Mr. Walter Patterson, the Chamber agreed to invite Mr. Mundella, and through him Mr. Brassey, to come to Glasgow, and the secretary was instructed to write to Mr. McDonald, as representing the associated trades, stating that this had been done.

The strikes in the West of Scotland have been so numerous of late that we hall with delight the prospect of means being devised to avoid them.

DISCOVERY OF A SCOTCH PLANT FOR MaKING CLOTH AND PAPER.
—A correspondent writes: Mr. R. Smi

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

Nov. 16.—The necessary official notice has been given of an intention to apply to Parliament next session for "powers" to constitute and incorporate commissioners to carry out an effectual drainage of the flooded mines in North Staffordshire. The powers to be vested in the commissioners include the right to levy rates on the mines and other property benefited. The announcement of the scheme, full reference to which was made in a previous report, has given much satisfaction in the district. There is no falling off in the demand for coal and ironstone at last quotations. The Iron Trade is very brisk alike in the pig and finished departments, and there is every prospect of a continuance of activity throughout the winter.

In South Staffordshire the Coal Trade is exceedingly buoyant, and quotations are satisfactorily maintained. The output of the collieries is inadequate to the demand, owing in great measure to the irregularity with which the colliers are working since the recent advance in wages, and large consumers are, in consequence, considerably dependent for their supplies upon the outlying districts. The discovery of a new coal measure at Hales Owen, to which we alluded last week, is regarded very hopefully, as giving promise to South Staffordshire of a long lease of industrial prosperity. The trial sinking at Sandwell Park is now making satisfactory progress. There is a very brisk demand for ironstone of all descriptions, but the local supply is only of limited extent. It is said that Messrs. Addenbrooke, Smith, and Pidcock will shortly commence the development of the minerals under the Bescot Hall Estate, purchased by them a few weeks ago.

The Iron Trade of the district very fully sustains the buoyancy recently reported, pig and finished iron being alike in brisk request. The number of furnaces now in blast is 120, yielding a weekly average of 13,200 tons. The 1600 puddling-furnaces now at work consum 16,000 tons of pigs weekly, so that the district has to "impo

out the winter.

The Earl of Dudley's agent (Mr. Fisher Smith) has conceded the nine hours system to the men employed at the Castle Mills Factor; and Mr. Woodhall, the gasholder maker, of Windmill End, has done so likewise. Measrs. Cochrane and Co., of Woodside, were the first to set the example in this part of the district.

of the district.

Some excellent samples of hematite ironstone from Ireland have been exhibited on 'Change this week by Mr. James Saunders, of Wolverhampton. The analysis of this ore showed that it was capable of making good pig-iron for steel purposes, containing about 7 per cent. of manganese. A fair number of orders have been booked by the local ironmasters.

REPORT FROM DERBYSHIRE AND YORKSHIRE.

REPORT FROM DERBYSHIRE AND YORKSHIRE.

Nov. 16.—Activity still prevails at the ironworks and collieries in Derbyshire. The demand for gas and water-pipes is brisk, whilst the mills are kept well going in rails, plates, &c. In Derby the foundries and forges continué to be well employed, and the nine hours movement has been so far successful in the town that the Midland Railway Company have adopted the system at their plant, where nearly 2000 persons are employed, whilst in many other districts it has also been agreed to on the part of the employers. An excellent business is being down in Coal for London and the south, both for home and other purposes, from Clay Cross, Langley, Rekington, Codnor Park, &c. Gas coal is also in request, and a large lonnage is being seut over the Midland to Birmingham and the West of Hugland. The Staveley Company's pits are turning out a large quantity of coal, as is the case at Sheepbridge, where there are five furnaces in blast, the "pig." both cold and hot blast, finding ready markets in Sheffield and other places. Surveyers and others have of late been busily engaged in surveying the proposed line, to which altusiou was made some time since, from a point between Sheffield and Chesterfield to Hassop, on the Derby and Buxton Railway. The line will do much towards developing the lead ore in the districts shrough which it passes, it being the only thing needful for that purpose. It will also give access for the coal from Unstone and other places to localities that have been entriely debarred from all railway communication. At Riestone, and other places in the Erewah Valley line, the Midland Company are extending their railway system to several mining districts, with the view of giving facilities to colliery proprietors for more fully developing their coal fields.

There has been no change in the Sheffield trades during the past two great firms noted all over the world for the production of heavy

There has been no change in the Sheffield trades during the past week, nearly every department being well supplied with orders. The two great firms noted all over the world for the production of heavy armour-plates, shields, and similar war material, are as busy as they can be, not only in those important branches, but also in Bessemer rails, tyres, axies, &c. It would appear that the laying down of Bessemer rails, in place of those made of iron is proceeding more rapidly than might be supposed. It appears that in the Grand Trunk of Canada Railway nearly the whole line will be re-laid with Bessemer rails, the company last year having entered into a contract for 40,000 tons, 14,000 to be delivered next year, and the same quantity in 1873. Sill; large as is the business doing in steel rails, there is no falling off in the demand for those made of iron; indeed, railway

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material of every description, from springs, to rails and locomotives, are in request. Makers of cutlery of the best quality, both table and spring, are fully worked, and there is now more doing in inferior qualities. The American trailed is active, and considerable quantities of plain and manufactured steel are being sent there. There is also rather more doing with the Continent, the business doing in that direction fast getting into the old form. At Masborough, the Holmes, and Rothryham the ironworks and brass foundries are all doing well. Bails, plates, weldiess tyres, stoves, gratos, and light castings are amongst the productions in most request. The collicireis in the district named continue to be well employed. At the Roundwood Colliery, of Messra. Cooper and Seliars, there is every prospect of an extensive business being done when working has been fairly commenced. At the present time some large Cornish boilers are being made for the firm. At the same works five large Cornish boilers are also being made, each weighing from 14 to 15 tons, for Earl Fitzwilliant's new colliery, at Lower Stubbin, near Parkgate. The whole of the collieries throughout the South Yorkshire district are busy, and a very large tonings continues to be sent to the metropolis over the Great Northern. Steam qualities for shipment from the Thames, and also for the use of the vessels plying on the river, are in brisk request, the tonnage going being larger than ever it has been. To Grimsby and hull the trade continues active, and shipment to several of the Baitle ports have been continued to a much later period of the year than usual. A good deal more coal is now being sent into France, confience in a great measure being restored. Furnace Coal and Coke continue in excellent request for North Lincolnshire and other places. The business doing with Lancashire, especially in engine fuel, is more active than it has been during the year, and a considerable alternation, so that the progress made by the Great Northern and North-Rastern on the o

REPORT FROM MONMOUTH AND SOUTH WALES.

REPORT FROM MONMOUTH AND SOUTH WALES.

Nov. 16.—As far as the remainder of this year is concerned, all connected with the Iron Trade may well rest content, the orders on the books at present being sufficient to afford ample employment for the next six weeks or two months at least. As compared with this time last year there is great improvement In the iron trade, and prospects still continue to give encouragement. Makers not only have no difficulty in securing contracts, but it is quite impossible in all instances that they can meet the demand. A scarcity of raw materials is complained of, stocks of pigs being entirely cleared, and rail and bar makers have now to depend entirely upon the daily production, which, si though so large, is inadequate to the requirements of fluided from makers. Buyers are, however, still unwilling to submit to an advance in quotations, and makers are satisfied with finding full work for their men for the next month or elx weeks, and waiting to see what changes may take place in the beginning of the next year. The demand for rails on account of various parts of America continues active, and advices still point to wast requirements. Next year will probably witness a larger exportation trade than ever has been doing for the last six months. To many of the leading European markets there is now a failing off in the enquiry, as is usual at this time of the year, but in southern directions rail and bariron is in good request. Home business shows further improvement, and there is every prospect of a very large proportion of the make of the district being required for home consumption. Buyers submit to prices with less reluctance than they did some weeks ago, the conviction having spread that quotations must sconer or later be enhanced. In addition to a large enquiry for rails, barr and places especially are in active request. Prices are increasing in framess, but the rise in values is but slight. Pig-iron is largely produced, and makers continue to increase their means of production.

prespects are encouraging for some time to come. A rise in quotations is looked forward to.

Steam Coal proprietors are doing a large business, the trade having resumed its former activity with, perhaps, some improvement upon the state of things which prevailed twelve months ago. Better prices are obtained, it must be admitted than for a long time past, and as far as can be seen, present quotations are likely to be kept up. The output is still below the quantity required by merchants to supply their foreign customers, and it is difficult to see what reason the colliers have for still persisting in working irregularly. A good future is before the trade, and colliery proprietors are looking forward with confidence. For house qualities it may be said that a good winter's demand has set in, and there is little fear as to the position of the trade for the next three months at least. The wages question remains in abeyance, but it is expected that a satisfactory understanding will be come to between masters and men.

Expers were laid before the Cardiff Chamber of Commerc this week as to the result of the trials of Welsh coals in the Navy. The reports were favourable, it being stated that the smokeless steam coal of South Wales was one-third better than any that could be procured. Regret was felt that some of the members who were most intimately connected with the coal did not go into the matter, and compile more minute information than that which was submitted to the Chamber; and a hope was expressed that the representatives of the various constituences in Parliament would take the matter up in carnest, and not allow North Country coal, which is inferior in quality, to have precedence. General satisfaction is felt in the district as to the result of the trials.

We are informed Messrs, Richard Thomas and Co., of the Lydbrook Tin-plate Works, have purchased a portion of the Titanic Steel Comment's plant, and intend at once erecting two new tim mills, thereby

Tin-plate Works, have purchased a portion of the Titanic Steel Company's plant, and intend at once erecting two new tin mills, thereby doubling their present output. We wish this spirited firm every success; at the same time, however, it must not be forgotten that although time below the makers may perhaps with reason expects a cond-12 mounts. cess; at the same time, however, it must not be forgotten that although tin-plate makers may, perhaps, with reason expect a good 12 months' trade, yet the large extensions of existing works, added to those in process of erection, will, we fear, shortly place this important manufacture in the same sad state that it has been in during the past

The arrivals at Swansea include—The Azores Packet, from Bilboa with 188 tons of iron ore, for Dowials Iron Company; the Village Belle, from Bilboa, with 317 tons of iron ore, for II. Bell and Son; the Mela, from Bilboa, with 188 tons of iron ore, for R. H. Rowland; the Edith, from Bilboa, with 188 tons of iron ore, for R. H. Rowland; the Edith, from Bilboa, with 273 tons of iron ore, for W. H. Tucker; the Smehline, from Titreove, with 320 tons of copper ore, for H. Bath and Son; the Euphemia, from Bilboa, with 170 tons of iron ore, for T. Wood and Company; the Paterno, from Bilboa, with 200 tons of iron ore, for T. Wood and Company; the Paterno, from Bilboa, with 200 tons of iron ore, for R. H. Rowland; the Rose of England, from Taltal and Paposo, with 407 tons of copper ore, guins, and 185 tons of copper ore, for Efford, Williams, and Company; the Jeune Almee, from Bilboa, with 180 tons of from ore, for Illoway Brothers; the Croydon, from Hondekilp, with 318 tons of copper ore, for Richardson and Company; the Sir William Fullency, from Bilboa, with 290 tons of tron ore, for Illoway Brothers; the Croydon, from Hondekilp, with 318 tons of copper ore, for Richardson and Company; the Sir William Fullency, from Bilboa, with 290 tons of tron ore, for Illoway Brothers; the Croydon, from Hondekilp, with 318 tons of copper ore, for Richardson and Company; the Sir William Fullency, from Bilboa, with 290 tons of tron ore, for Illoway Brothers; the Croydon, from Silboa, with 290 tons of tron ore, for Illoway Brothers; the Croydon, from Gonday Roman Silboa, with 290 tons of tron ore, for Illoway Brothers; the Croydon, from Silboa with 290 tons of tron ore, for Illoway Brothers; the Croydon, from Silboa with 290 tons of tron ore, for Illoway Brothers; the Croydon, from Silboa with 290 tons of tron ore, for Illoway Brothers; the Croydon, from Silboa with 290 tons of tron ore, for Illoway Brothers; the Croydon, from Silboa with 290 tons of tron ore, for Illoway Brothers; the Croydon, from Silboa with 290 tons of tron ore, for neria, with 122 tons of copper ore, and 89 tons of esparto grass, for A the Maggie, from Bilboa, with 336 tons of iron ore, for Poingdestr

TRADE OF THE TYNE AND WEAR.

Nov. 16.—The shipments of coal, coke, and iron, continue large, and the trade of the district generally is very brisk; consequently, the prices of most of the staple commodities are firm and rising. This applies not only to coal of all kinds and iron, but also to chemicals.

applies not only to coal of all kinds and iron, but also to chemicals, for which there is a brisk demand.

We remarked in this letter some time ago on the winning of the Busty coal seam at Felling Colliery. This seam has now been developed to a considerable extent, and excellent coke is being made from it by the Felling Coal, Iron, and Chemical Company. It is also understood that the Tyne Main old pit, held by the same firm, is to be sunk down shortly to the Busty seam, and a communication made between those two shafts. The Heworth Colliery immediately adjoins Felling Colliery on the south, and it is a very old work, the Hutton seam having been worked here nearly 50 years, and it is still worked, although to a great extent exhausted. The Low Main seam, also a good steam coal, is now worked here, and a shaft is to be commenced immediately to sink below the Hutton seam, in order, if possible, to reach the Busty seam, referred to above, so that the winning of this seam by the enterprise of the Felling owners is likely to lead to the winning of the same seam over a large area in the north-east district of Durham. district of Durham.

Considerable excitement prevails in the coast towns-Sunderland Considerable excitement prevails in the const towns—Sunderland, Hartlepool, &c.—respecting the formation of a coast line of railway which is proposed to be formed direct from Sunderland to Seaham, Hartlepool, and so on to Middlesborough. There is no doubt that such a line is most argontly required, and that its formation cannot much longer be delayed. Of course, to effect this it is necessary that a bridge should be formed over the Wear at Sunderland, and also that a bridge should be formed over the toward the sunderland, and also that a bridge should be constructed over the Teoa th Middlesborough, or a tunnel formed under that river. The North-Eastern Railway Company have aiready determined to errot a high-level bridge over the Wear, which is a most important step. A meeting was held a few days ago at Hartlepool, which was attended by the most influential gentlemen connected with the district, and the majority pledged themselves to support any schem brought forward to effect this very desirable objects to support any schem brought forward to effect this very desirable object.

A considerable amount of agritation exists in some localities in the

A considerable amount of agitation exists in some localities in the district, not respecting the rate of wages, but the hours of working The boys at several works lately, including the Hetton Colliery, have out, their object being to get a shorter day's work than twelve The mechanics and others employed on the sur ave already, in many cases, got a reduction in the hour of in force at the factories, and this, there is no doubt, wil hours underground. eries have already, in many c rk similar to those in force at the factories, and this, there is no doubt, so general all over the district shortly. Only old miners can recollect

great struggle which took place in 1832, when there was a general strike of the miners in Northumberiand and Darham. The main subject of the dispute at that time was the working hours. Previous to that time the hours the pit had to be worked were not fixed, but all the coals hown in any one day were to be got to bank on the same day; and it was not at all uncommon for boys, and even men, to be employed as much as 16 hours per day. However, this object was achieved, and 12 hours was fixed as the day's work for boys; as to the hewers, their hours were never fixed, they work always by the plece, and the boys also work by the plece, so that any reduction in the hours of labour must reduce their earnings, unless a corresponding addition is made in the rate of payment. If we take a pony putter, earning in 12 hours working 2s. 6d. per day, about the average earnings of this class, and suppose that he is employed only eight hours, then his earnings at the same rate would only be 1s. 8d., and he must have an advance of about 40 per cent, to be able to earn the same wages; and if a pli gets 400 tons in 12 hours the same speed of engines.will only give 330 tons.

The Seamon Contains were previous the same speed of engines.will only give

330 tons.
THE SEATON COLLIERY EXPLOSION.—An important meeting was held at Seaham, on Monday, which was attended by Mr. Corbett, the chief manager of these works, Mr. Dakers, resident manager, Mr. Edward Boyd, president of the Mining Institute, Mr. Willis and Mr. Southern, Government Inspectors, and others, when a consultation took place on the position of those working where the late explosion took place. It will be recollected that after the explosion it was found that the coal was on fire at a rout where the horses explosion took place. It will be recollected that after the explosion it was found that the coal was on fire at a point where the horses and ponies were stabled which were employed in the face workings, where it is supposed the explosion occurred; and in order to extinguish this fire, and prevent any further explosion, it was found necessary to insert two dams at a point near the shafts, thus shutting off the district entirely from the other part of the extensive workings. Pipes were inserted in those dams, and instruments were also attached to show the varying pressure inside those dams, and also the changes of temperature. The party made a most minute examination of the workings, and of the dams and instruments attached thereto, and the conclusion arrived at was that all was going on very favourable; but at the same time it was considered that the most prudent course was not to attempt any opening of those dams at present, and it was decided that another meeting be held three weeks hence, when it is probable that something important may be determined upon.

determined upon.

BEER'S PROCESS FOR SEASONING AND PRESERVING WOOD. BEER'S PROCESS FOR SEASONING AND PRESERVING WOOD.—The seasoning and preserving of wood without injuring the fibre, or destroying the clasticity of the timber, has long been a desideratum, but it has been found a very difficult matter to accomplish. It is well known to all practical mon that wood can only be seasoned in the air by long exposure, and the same remark applies to seasoning by long immers on in warer; a long time is required, which, of course, is very costly. With respect to desicating timber by applying heat and steam it is extremely objectionable, as the fibre of the wood is injured, and thus the clasticity of the timber is destroyed, and, of course, the colesion and strength of the wood is very much lessened. The reason for this is obvious—hot water or steam cannot remove the sap, which by the action of the heat becomes cangulated, and being then interposed between the tissues must in such congulated state materially lessen the cohesion and strength of the wood. The Beer process of seasoning wood differs materially from those, and it is claimed that upon scientific principles it is much superior, and also actual experience has borne this out, as it has been extensively put into practice in New York for several years with the best results. The soluble matters of the wood after moved speedily and effectually by boding in a solution of borax (an excellent solvent for sap substances), without in the least affecting the wood fibre, which, on the contarry, becomes barder, impregnable to water, vermin proof, perfectly indifferent to the molsture or dryness of the atmosphere, and almost incombustible. The value of the process for cabinet-makers cannot be over estimated, and as the process is extremely cheap it can be made available for all purposes—even the largest joiner-work when good joints are required. For railway sleepers, and other purposes where the creosote process is resorted to, it is much cheaper than the latter process, and much more effectual.

REPORT FROM SOUTH LANCASHIRE AND CHESHIRE.

Nov. 16.—The Iron Trade continues in as healthy a state as when Now, 16.—The fron trace continues in as nearthy a state as when I last wrote, and such is the demand for material of all descriptions that there is even a greater disposition than ever on the part of buyers to give the high prices now asked. The great difficulty is to obtain iron at all, and the excellent position of all departments of trade, increasing as it does the enquiries for boiler plates, colliery rails, and every description of manufactured iron, induces a harder tone in the market, and leads the manufacturers to hold out for full list prices. There is still great a demand for coal of every description, and an inclination to a further advance in prices. Cannel especially is be-

market, and leads the manufacturers to hold out for full list prices. There is still great a demand for coal of every description, and an inclination to a further advance in prices. Cannel especially is becoming very scarce, some of the main sources of supply having lately been worked out. There is a scarcity of labour throughout the colliery districts, and the masters strongly denounce the irregular habits of the men. The colliers are agitating for shorter hours, and their leading men are beginning to see that if they desire to avoid a contest with their employers on this point they must cease having so many "play" days, which are a serious drag on the producing powers of the collieries. A leading colliery proprietor remarked the other day that he would willingly establish a six-hours system at his pits, if the men would undertake to work eleven days in the fortnight.

Another dienstrous explosion in the Wigan coal field is reported. The scene of the disaster is the Springs Colliery, belonging to Messrs. Scowcroft and Co. (Limited), and situate at Hindley Green. It was at this colliery, and in the same mine—the rich but fiery Arley seam—that took place three years ago within a week the first of the terrible series of explosions which have made the districts on totorious. Since that action the greatest care has been excreted in the management. A new shaft, some 1200 yards from the old ones, has been sunk on the rise of the nine, for the burpose of securing effectual ventilation, and a regulation has been strictly enforced that no shots shall be fired or powder used in the seam under any circumstances, except in the night time, when the bulk of the men are ont of the pit, and then only to bring down the roof in order to widen the airways and drawing-roads. A special fireman has been appointed to superintend the blasting operations; but, notwithstanding all these precautions, an explosion took placeon. Tuesday night, resulting in the loss of six lives, and in such injury to the fireman that be sufficed with the s

iggostion."

At a meeting of the Rochdale Town Council a deputation has been populated to wait upon the Manchester, Sheffield, and Lincolnshire Railway At a meeting of the Rochdale Town Council a deputation has been appointed to wait upon the Manchester, Sheffield, and Lincolnshire Railway Company to urge them to apply for running powers to Rochdale, or for the construction of an independent line, on the ground that the present railway accommodation is inadequate for so important a community. The proposal was opposed by Mr. Robinson, one of the leading merchants of the town, who argued that the time for rivalry in railway competition had gone by, and expressed the belief that before three years passed over all the railways in the country would be merged into four or five great comparies. He was of opinion that Parliament should be asked for a general measure giving Government more control over railway matters. This fecling is spreading in the district; it has been shown in Wigan by a resolution of the Town Council in favour of the Board of Trade having power to revise the rates of tariff in event of the amalgamation of the London and North-Western and Lancashire and Yorkshire companies.

of triade having power to revise the rates of tariff in event of the amalgamation of the London and North-Western and Lancashire and Yorkshire companies.

Messrs, Laird Brothers, of the Birkenhead Ironworks, have adopted the nuc-hours system, and a similar concession has been made by the London and North-Western Company to their workmen at Crewe, where they have 5000 hands employed. Reports are published daily of the acoption of the principle in various towns, and last Saturday the movement was advocated at a mass meeting of the workmen employed in the district which lies between Liverpool and Manchester. Mr. Burnett, of Newcastle-upon-Tyne, was the principal speaker, and there was something almost like a threat in the way in which he expressed the hope that the employers of the district would not be so "subborn and pig-beaded" as the masters of the North, and that the men he addressed would be spared the horrors of a strike.

An endeavour is being made to establish a Chamber of Commerce at St. Helens. The proposal was well received at a preliminary meeting, and a committee has been appointed to carry out details.

Mr. Pearson, who has been elected Mayor of Liverpool for this year, is head of the firm of Messrs. Pearson and Knowles, whose names have been prominently before the public as owners of the Moss Pits, at which the last etertible explosion to k place, and who rank amongst the principal ironmasters and colliery proprietors of the district.

In the last number of the Mining Journal we notice an extract of the Mining Regulations in Portugal, which appear to us of such a healthy na-ture that we cannot refrain from commenting on them, as based on the true foundation for legitimate mining, as no mine can be brought forward unless it deserves working. But besides this regulation, we learn that the works must be well plapped, and should such at convenient depths to ventilate the mines.

and well timbered, and the mines are regularly visited by the mining inspects at the Lisbon School of Mines, to enforce the above regulations. Would a such regulations benefit our coal collieries, and be the saving of the lives hundreds of bread-winners annually?

THE VENTILATION OF COAL MINES.

The ventilation of Coal Mines.

The case of Baker (appellant) v. Turner (respondent) was before the Court of Queen's Bench on Saturday. It was an appeal by Mr. Baker, one of the Inspectors of Mines, against a decision of magistrates dismissing a charge against the defendant, the agent of a colliery near Dudley, for breach of one of the general regulations under the Mines Regulation Act. The regulation was that which requires that an adequate amount of ventilation shall be provided in all coal mines or collieries to render noxious gases harmless to such an extent that the working places of the pits and workings and the travelling roads to and from the workings shall, under ordinary circumstances, be in a fit state for working and passing. On July? the travelling roads to and from the workings shall, under ordinary circumstances, be in a fit state for working and passing. On July7, 1870, about one o'clock in the day, a boy was found dead in a coal mine of which the defendant is agent. The place in which the boy was found had not been worked for a fortnight; and it was a place to which his business did not take him. The place had been tested with a candle between nine and ten in the morning on which the boy died, and no choke-damp was then discovered there. But whose with a candle between nine and ten in the morning on which the body dwas found there was choke-damp about two feet from the ground, but not higher. It appeared that air had not been driven into the place at which the boy was found, but would have been driven in if choke-damp had been suspected. There are "gate-roads," as they are called, cut parallel to the "air-ways," into which, every seven yards, passages or openings are cut for the purpose of ventilation. The boy was found at the extreme end of one of the gate-roads, about four yards from the nearest air-hole. A candle held up four feet did not for some time seem affected by the damp, so that the boy if standing up would have escaped. He had or the gate-roads, about four yards from the hearest air-nois. A candle held up four feet did not for some time seem affected by the damp, so that the boy if standing up would have escaped. He had no business at the spot in question, his own place of work being 80 yards away, and at the spot where he died there had been no work, ing for a fortnight. It was set up that the place was not a "working place" within the meaning of the rule; that the boy had no business there, as his work was elsewhere; and that every proper precaution had been used. The magistrates were of opinion that on the facts set out the ventilation was adequate, and that the defendant had not neglected the regulations under the Mines Regulation Act, 23 and 24 Vict., c. 51, sec. 10; and they found as a fact that the means taken to ensure safety were the means which up to the time in question had been ordinarily adopted, and were under ordinary circumstances sufficient according to the Act. This latter turned out to be the real point, for on the argument the magistrates having over-ruled the objection as to time, and the counsel for the defendant having conceded that the place was a working place within the Act, the case resolved itself into this—whether the magistrates rightly found that the place was adequately ventilated, as to which it was insisted on the part of the defendant that this was a question of fact upon the evidence entirely for the magistrates to determine.

it was Insisted on the part of the defendant that this was a question of fact upon the evidence entirely for the magistrates to determine. The Lord Chief Justice said the question was whether proper care had been taken in the ventilation of the mine, and that was a question of fact for the magistrates. It was for them to determine the case on the merits, and they had done so in favour of the defendant, Mr. Justice Blackburn concurred. The magistrates, he said, could not convict unless they found, as a fact, that such means as would ordinarily be sufficient had not been used. But they had found the contrary; and in the face of such a finding it was impossible that this Court could say they were bound to convict. There was no evidence to show that under ordinary circumstances the agent was bound to contemplate the possibility of choke-damp at the time and place in question. place in question.

Mr. Justice Mellor also agreed. If the magistrates had found the other way, the Court would not have reversed their decision, but as it was they could not reverse it.—Appeal dismissed.

IMPROVEMENTS IN STEAM-BOILERS.—In the manufacture of vertical tubular boilers. Mr. H. ASHTON, of Birkenbead, proposes to construct he shell of cylindrical form, and to fix a circular fire-grate between fielded. Fine, by preference two, lead from the fuel chamber to the flame chamber around the tubes. The flames and heated gases are caused to circulate horizontally around amongst the tubes before reaching the escape flue, the funnel, or chimney. In practice a central water tube is preferred for the ascending current of water, and an annular space between the shell and tubes for the descending current. Steam is conveyed from the top of the boiler by a plep, usually bell-mouthed, and such pipe is led downwards through the waste gases, thence by a bend or connection upwards still amongsts the waste gases, and finally to the place where it is to be used. In this way it is dried and superheated. To provide for the certain removal of water and foreign matter, angular plates are in some instances flued in the descending pipe, and a well is provided to collect and valves to withdraw the water carried over. Soot and other matters deposited amongst the tubes in the flame chamber are removed therefrom by admitting steam through a perforated pipe.

MANUFACTURE OF GAS.—The invention of Mr. W. W. Pov. of

MANUFACTURE OF GAS.—The invention of Mr. W. W. Box, of Crayford, relates to a more ready means of securing the lids to the mouthpiers of retorts, and consists in constructing the ears of the mouthpiers on one side with a stop, and the other with a forked opening, which receives a cross-bar, and is hinged thereto in such a manner as to allow of the cross-bar being raised slightly, so as to fail within the stop on the ear. In or near the centre of the cross-bar is pivotted a lever, which is furnished at the end nearest the lid with a friction roller, while the other end is fashioned into a handle. The lid being applied and the cross-bar placed in position, a pull at the long end of the lever cause the short end to press against the lid, and there retains it firmly in contact with the mouthpiece, until intentionally released.

FEEDING STEAM-BOILERS.—The improvements in apparatus for

the mouthpiece, until intentionally released.

FEEDING STEAM-BOILERS.—The improvements in apparatus for heating, feeding, and measuring water supplied to steam-boilers invented by Mr. W. N. Cox, of Ashley-road, Bristol, consists of an apparatus in which a float is caused to rise under pressure and close an inlet valve to shut off the flow of water in it, and also to open a steam-valve to obtain a pressure upon the float to force the water into the boiler. The inflowing water is obtained from atask heated by the excaping fumes in the chimney. The float is in connection with counting apparatus and the capacity of the vessel is such that the quantity is registered thereby.

MECHANICAL RELAY FOR TELEGRAPHIC APPARATUS,—Mr. E. BULL, of Portheurno, near Pensance, has invented a translator, or mechanical relay, for which he claims the same advantages as are possessed by all other relays. He does not describe any improvement or invention in the abridgement of his specification which he has furnished to the Commissioners of Patent, but he explains what a relay is.

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THE Mining

POLISHING METALS.—The object of the invention of Mr. H.S. SANDERSON, of York-road, Lambeth, is the preparation of blacklead ready for use in a fluid state. The composition adopted consists of blacklead, such as used for polishing stores, and for other uses, combined with turpentine, water, and sugar, or saccharine matter, and the proportions which have been found answer well are to each pound by weight of the blacklead 1 gill of turpentine, 1 gill of water, and 1 oz. of sugar, but these proportions may be varied, and is some cases all the ingredients are not necessary.

Deepman P. Syre, M. BOLL PRE. The invention of Mr. T. I. Topp of

some cases all the ingredients are not necessary.

PORTABLE STEAM-BOILERS.—The invention of Mr. L. J. Tody, of Leith, comprises improvements in the general arrangement of the steam-carrise and improvements in steam-boilers and elastic wheels. The body of the carrise is formed with the ordinary space partitioned off at the front end, in which is boiler is placed. The rear axie is straight, on the two extremities outside eight of the straight of the boiler straight of the straight of the which also carries coupling cranks to be connected to show of the rear axie. On one side of the boiler, or immediately in front, a small pair of engines is placed, there being a plain on the crank-shaft gearing into a wheel on the countries that. In front of the boiler, and at a convenient width apart, there are two leading wheels, each carried in a separate fork and bracket connected together, and governed by the usual steering apparatus. The second improvement essists in causing the exhaust ateam to actuate a turblue blowing-fan for forcing and governed by the usual steering apparatus. The second improvements sists in causing the exhaust steam to actuate a turbine blowing-fan for fethe fire without noise. The third improvement consists in peculiar conference in the inner circulating pipes of hanging tube boliers, making their tion better, and rendering the bolier safe with a smaller quantity of was that steam can be got up more rapidly. The fourth improvement consist peculiar combination of springs and other parts forming an elastic whee steam and other carriages.

FEEDING STEAM-BOILERS.—The essential feature of the invention FEDING STEAM-BOILERS.—The essential feature of the law of Mr. ERNST KORTING, of Vienna, consists in utilising the exhaust a steam-engines by leading it to a jet of water produced in a boiler inject may be made to meet the jet of water either in the overflow chamber or circumference of the condensing nozale through the holes formed the through one or more nozales interposed between the overflow chamber is condensing nozale, or it may be made to meet the jet of water in the interposed between the condensing nozale passing through the centre of the steam nozale, or be made to meet it at more than one of these places. The exhaust set lised in this manner not only heats the feed water, but also facilitates thing and working of the injector.

CALCINING ORES. - Mr. J. BERGER SPENCE, Manchester, des improvements in Turnaces for calcining ores containing sulphur, says:-lift in provements in Turnaces for calcining ores containing sulphur, says:-lift in the containing sulphur says:-lift in says:-l before by Mr. of ma-

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REAFADDA MINING COMPANY (LIMITED).—
Notice is hereby given, that the FIRST ORDINARY GENERAL MEETsig of the Reafadda Mining Company (Limited) will be HELD at the commy's offices, No. 28, Pall Mail, Manchester, on SATURDAY, the 25th instant,
Ten A.M.

De order of the Automatical Company (Company Company). Ten A.M. By order of the Directors, J. R. ALDRED, Secretary.

PRUSSIAN MINING AND IRONWORKS COMPANY (PARUSSISOHE BERGWERKS UND HUTTEN ACTIEN GESELLSCHAFT).

The regular YEARLY GENERAL MEETING.
The regular YEARLY GENERAL MEETING, in accordance with par. 26 of a statutes, will be HELD on FRIDAY, the 8th day of December of this year, a given o clock in the forenoon, at the office of our company, 34. Konigs-allor, when the shareholders are requested to attend personally, or to are themselves represented by proxy.

ORDERS OF THE DAY.

 $_{\rm 1.-Report}$ of the direction upon the business operations of the past year, ended $_{\rm th}$ June last, their results, and the general position of the affairs of the com-

min June last, that testing, and the state of the sanction of a resolution passed by the Council of Supervision in their meeting, for the 20th of May. 1871, subject to the sanction of the next general meeting, at the Vorstand shall be empowered, under the sanction of the Council of Supervision, to declare a dividend on account, payable on the lat July of each subject of the sanction of the sanction, which, in account with the sanction of the sanction of the sanction of the sanction of the partial obligations, which, in account with the sanction of the sanction, are to be paid off at par on 1st July,

Referring to par 25 of our Statutes, the shareholders who wish to exercise their shift of voting are requested to deposit their shares or receipts (quitting-bogen, sheat clark days before the general meeting, as our office, 24, Königs-alice, Disselsdorf; in Lombard-street; in Dublin, at the Bank of Ireland; or in Cork, at the Cork Steamship Company's offices; in exchange for certificates of deposit, and to leave them so deposited during the holding of the general meeting; as also in the event of a representation by proxy, to have the proxy papers presented at our office here, for examination by the direction, at latest twenty-four bounds of the general meeting.

THE DIRECTION.

Disseldorf, the 10th of November, 1871.

Insection, the 10th of November, 1871.

THE WICKLOW COPPER MINING COMPANY.

Incorporated by Act of Parliament.

At the HALF-YEARLY MEETING of the proprietors of the above company, ELD at their offices, No. 113, Grafton-street, Dublin, on SATURDAY, the 11th ay of November, 1871.

The notice convening the meeting having been read by the SECRETARY, the emmon seal of the company was affixed to the Register of Sharcholders.

The following resolutions were then proposed and adopted:—
"That the directors' report and statement of accounts for the half-year ended list of September, 1871, be received and adopted."

Moved by the CHAIRMAN, seconded by RICHARD WILSON, Esq., and resolved:—
"That dividend of 2s. 6d, per share be now declared upon the 17,000 original barts, for the year ending the 1st September, 1871, payable (free of income tax) bethe-hareholders now registered in the books of this company upon the 1st are of December proximo."

Moved by the CHAIRMAN, seconded by H. T. KELLY, Esq., and resolved:—
"That Edward Barnes, Esq., and Thomas Worthington, Esq., be and are breby re-elected directors of this company."

Moved by the CHAIRMAN, seconded by G. L. TAYLOR, Esq., and resolved:—
"That Edward Barnes, Esq., seconded by G. L. TAYLOR, Esq., and resolved:—
"That Marcus Waiter Hughes, Esq., be and is hereby appointed auditor for beensuing year."

Mr. O'Brien having vacated the chair, and John Barton, Esq., having been alled thereto,
It was moved by Robert Millener, Esq., seconded by M. W. Hushes, Esq.,

Mr. O'Brien naving vacates the chair; and scenned by M. W. Hushes, Esq., is deaninously resolved:—

"That the special thanks of the meeting be and are bereby accorded to detailus O'Brien, Esq., Chairman of the company, for his able and explicit gatement from the chair; to the board of directors for their attention to and management of the affairs of this company; to Edward Barnes, Esq., for his ablarlable and successful management at the mine; and that a like vote of thanks be accorded to the secretary."

JOHN BARTON, Chairman.

imitable and successful management at the mine; and that a like vote of thanks be accorded to the secretary."

OHAMEFUL ATTEMPT TO DEPRECIATE VALUABLE Delivation of the secretary of the secreta

Messis. ENDEAN AND CO., STOCK AND SHAREDEALERS, 85, GRACECHURCH STREET, LONDON, E.C.

IMPORTANT TO MINERS. WALKER'S PATENT STAMPS. ONE LARGE SET of fine 3-cwt. STAMPS, complete, for CRUSHING TIN, UARTZ, &c., can be seen at—

12, JAMES STREET, OLD STREET, CITY ROAD.

Just published, price Half-a-crown.

ON COLLIERY EXPLOSIONS,

SOUTH WALES COAL FIELD, in the MERTHYR, ABERDARE, and

RHONDDA VALLEYS,

RHONDDA VALLEYS,

With Map of the District, Explanatory Sections and Diagrams: Being a Paper rad before the South Wales Institute of Engineers, by Thomas Joseph, Maing Engineer, a Member of the Institute.

Merthyr Tydfi: FARRANT and FROST.
London: SIMPKIN, MARSHALL, and Co.

Just ready,
HANDBOOK TO THE MINERALOGY OF CORNWALL AND DEVON,

By J. H. COLLINS, F.G.S., Secretary to the Royal Cornwall Polytechnic Society, &c. Price 6s.; free by post, 6s. 5d.
Truro: Heard and Sons. London: Longmans and Co.

THE TIN MINES OF CORNWALL AND DEVON-THEIR PRESENT POSITION AND PROSPECTS.
By THOMAS SPARGO,
Mining Engineer and Stock and Sharedealer, Gresham House, London, E.C.
Price 5s., post free.

R, PERCY ROBERTS, FINANCIAL AGENT.

THE EAST DOLCOATH TIN MINING COMPANY.

Situate in the parish of Illogan, in the county of Cornwall. Constituted upon the Cost Book System, with the power to register (if agreed upon by the first subscribers), under the Companies Acts, 1862 and 1867, by which the liability of the shareholders will be restricted to the amount payable on the shares subscribed for.

Capital £30,000, in 3000 Shares of £10 each, First issue of 1000 shares at £5 each, to pay the purchase money for the property, and the preliminary expenses, and such shares are to rank in value with the remaining 2000 shares of £10 each.

Payment-£1 on application, and £4 on allotment The directors or committee of management to be appointed out of the body of the subscribing shareholders at the first meeting. BANKERS-THE METROPOLITAN BANK, 75, Cornhill, London.

SOLICITOR—JOHN ROBERT CHIDLEY, Eq., 25, Old Jewry, Lonkon. SECRETARY-Mr. GEORGE W. SNELL.

TEMPORARY OFFICES.

7, CROWN-CHAMBERS, THREADNEEDLE-STREET, LONDON.

all details of this important company will appear in next week's Journal; the meantime every information can be obtained on application at the offices to company, where the reports of Capt. Bryant, of Capt. Tonkin of Dolcoath as, and of Capt. John Nancarrow, can be inspected.

In Chancery.

In the Matter of CATHERINE EMILY BOYD, and SIF HARLEY HUGH BOYD.

SIF HARLEY HUGH BOYD.

Const (three miles trisb) into the country southward, together with the IRONSTONE (BLACKBAND) under the two quarterlands of BALLYREAGHS, containing 419 acres statute measure, or thereabouts, and comprised within the said coal field.

Extractions of the country southward, together with the IRONSTONE (BLACKBAND) under the two quarterlands of BALLYREAGHS, containing 419 acres statute measure, or thereabouts, and comprised within the said coal field.

al field.
urther particulars, apply to—
Messrs. TYRRELL AND STANUELL, Solicitors, 5, Dawson-street,
Dublin;
Messrs. ADAIR KEILY AND LLOYD, Solicitors, 25, Clare-street,
Dublin; or to
WILLIAM MCLEES, Receiver, Ballycastle, co. Antrim.

Ballycastle, Sept. 27, 1871.

TRYDDYN, FLINTSHIRE.

SALE OF VALUABLE COLLIERY LEASE, SEAMS OF COAL, ENGINES, WINDING APPARATUS, PLANT, AND MACHINERY,

Situate at TRYDDYN, in the County of FLINT.

MESSRS, CHURTON AND ELPHICK WILL SELL, BY
AUCTION, at the Grosveror Hotel, in the City of Chester, on Saturday, the 28th day of November, 1871, at Two for Three o'clock in the atternoon, in One Lot, subject to conditions to be then produced, all that the RSTATE and INTEREST of the lessess of and in all those SEAMS, VEINS, or BEDS of COAL, called the "TWO YARD" and the "BRASSY," within and under the estates known as Tryddyn Lodge and Tryddyn Farm, in the parish of Moil, in the county of Flint, extending to about 80 statute acres.

And also all the very VALUABLE PLANT and MACHINERY, now being upon and about the said premises, comprising winding apparatus, with wire trope, frames, and stages; 70-horse power steam engine, with two boilers; black-smiths' and carpenters' shops, 84 tramway trucks' tipping apparatus, tramway, weighing machine, office fittings and furniture, plant and unachiery, complete. The above colliery is connected by a tramway with the Coed Talon branch of the Chester and Mold Raliway, and the lessess' interest includes the right of user of such tramway, and the incline engine and rope thereupon, and the weighing machine, office fittings and furniture, plant and unachiery, complete that the lessors by which a purchaser may obtain a renewal thereof, including two additional seams of coal, which have also been proved under the said estates.

Further particulars may be obtained on application to Mr. John Leigh, Solicitors, Chester; or the Auctioneers, Chester and Whitchurch, Salop.

TUESDAY, NOVEMBER 28th, at TWO O'CLOCK P.M.

TUESDAY, NOVEMBER 28th, at TWO O'CLOCK P.M VALUABLE MINE SETT, MACHINERY, AND PLANT, In the Parish of LANIVET, CORNWALL.

In the Parish of LANIVET, CORNWALL.

TO BE SOLD, AT PUBLIC AUCTION, on Tuesday, the 28th day of November, at Two o'clock in the afternoon, at the Account House, on the Mine, the very valuable MINING PROPERTY, known as

WHEAL MARY LOUISA,

Situate in the Parish of LANIVET, in the County of CORNWALL, together with the LEASES, MACHINERY, PLANT, and MATERIALS, in One Lot, as a going concern.

with the LEASES, MACHINERY, PLANT, and MATERIALS, in One Lot, as a going concern. The MACHINERY and MATERIALS comprise ONE 20-inch double-acting ENGINE, as good as new, with BOILER, about 12 tons.
TWO STAMPS AXLES of 16 heads each, with litters, cams, heads, braces, hoppers, &c., complete; flat-rods of round iron and wire rope; angle bobs, pullies, stands, &c.; buddles, strips, trunks, chests, kieves—in fact, a complete dressing-floors, well laid out with sheds and every requirement; smiths and miners tools; a large quantity of timber, chain, and other articles in use on mines; also about 80 tons of coals; a account-house furniture, miners dial, &c.
The above property, which is situate in a very celebrated tin-bearing district, is held under a lease from Lord kobartes and others on the most favourable terms, and it is believed a very little further outlay will make it a permanent-paying concern. Everything on it is of the best possible quality, and in perfect working order.
To view, apply at the mine, which is about four miles from Lostwithiel, on the Cornwall Railway, and for further particulars to Mr. Samuel Abbott, Redruth; Mr. T. Angove, Camborne; or John Thomas, the Auctioneer, at The Glebe, Redruth.

Dated 6th November, 1871.

FOR SALE, BY PUBLIC AUCTION, on Tuesday, Nov. 28th Instant, to commence at Ten o'clock in the forencom, at PAR CONSOLS MINE, in the parish of ST. BLAZEY, CORNWALL, the undermentioned VALUABLE MINE MACHINERY AND MATERIALS, viz.:-

VALUABLE MINE MACHINERY AND MATERIALS, viz.:—
80 In. cylinder ENGINE, 10 ft. by 8 ft. 5 In. stroke, with three boilers, 11 tons cach, and fittings.

ONE 72 In. direct-acting PUMPING ENGINE, 9 ft. stroke, and two boilers, 12 tons cach.

ONE 92 In. direct-acting PUMPING ENGINE, 9 ft. stroke, and two boilers; 12 tons cach.

ONE powerful STAMPS, driven by a pair of engines, 9 ft. stroke, and two boilers; a large quantity of useful brass.

ONE 18 in. winDING ENGINE, 7 ft. stroke, two boilers and cage, suitable for stamping or drawing purposes.

ONE 18 in. ditto, with fly wheel and cage, and one boiler; 1 steam capstan; 1 horse machine, for drawing purposes; 1 water wheel, for round buddle; 1 saw mili; 1 copper ore crusher; paient separators; upwards of 200 pumps, various sizes, from 15 to 20 in. diameter; a dour pieces, from 15 to 20 in. diameter; a dour pieces, from 15 to 20 in. diameter; a dour pieces, from 15 to 20 in. diameter; door pieces, from 15 to 20 in. diameter; door pieces, from 6 different sizes; a large quantity of bucket prongs and brasses; a large quantity of staples and glands; a large quantity of flatrope and other shieves: capstans and shears; balance bobs, with castings, brasses, &c.; 5½ in. flat ropes; horse whim ropes; several tons ratiroad saddles; several tram wagons; a large quantity of useful timber; a large quantity of useful timber; a large quantity of useful on; a large smiths' beliows and tools; a quantity of useful chain.

And a variety of other articles and effects in general use in a large mine.

chain.

And a variety of other articles and effects in general use in a large mine.

The above may be inspected on application at the Counting-house; or further
particulars obtained from WM. WEST. Esq., Tredenham House, St. Blazey; Mr.
WILLIAM POLKINGROREE, Woodlands, Par Station; Capt. FRANCIS PUCKEY,
St. Blazey, of whom catalogues may be obtained at 6d. each; or of Mr. WILLIAM
WERRY, Auctioneer, &c., St. Blazey.

Dated November 8th, 1871.

CHILIAN COPPER MINES, AND MINING PROPERTY.

TO BE SOLD, pursuant to an Order of the High Court of Chancery, made in a Cause of "WATERS v. WATERS," with the approbation of the Master of the Rolls, at the Auction Mart, Tokenhouse-yard, Lothbury, in the City of London, at Two o'clock precisely, on Tuesday, the 5th day of January, 1872, by Mr. ROBERT C. DRIVER (of the firm of Messrs. Driver, of Whitehall, London), the Auctioneer appointed by the said Judge to sell the same.

same,
The WHOLE of the EXTENSIVE and RICH COPPER MINES, PARTS OF
MINES, MINING PROPERTY AND MATERIALS, and FREEHOLD PROPERTIES In CHILI, with the STORES and BUSINESSES carried on in connection with the said Mines, forming part of the Chilian Estate of Sampson Waters,
late of Gyllyngdune, in the county of Cornwall, Esq., deceased. The Mines
consist of—

PERTIES In CHILI, with the STORES and BUSINESSES carried on in connection with the said Mines, forming part of the Chilian Estate of Sampson Waters, late of Gyllyngdune, in the county of Cornwall, Esq., deceased. The Mines consist of—

1.—The ENTIRETY of the SAN PEDRO MINE.

2.—TWO-THIRDS of the celebrated DESCUBRIDORA MINE, with the ad Joining SETTS of SAN JUAN, CANCHAS, and SAN FRANCISCO.

3.—THREE-FOURTH PARTS of the COLORADO (SILVER) MINE.

4.—NINE FORTY-EIGHTH PARTS of the JUANA (SILVER) MINE.

5.—The ENTIRETY of the CUBA COPPER MINE.

6.—The ENTIRETY of the CUBA COPPER MINE.

7.—THE ENTIRETY of the SAN ANTONIO MINE.

San Pedro Mine, stuate about 60 miles from the port of Chanaral, has given immense riches, but owing to a run a new shaft had to be sunk 122 fathoms from the surface, and is now communicated with the lode at this depth. The lode is composed of black and yellow sulphurets, of a produce of 60 per cent, for copper. The burrows are large, and will pay for working over, having water sufficient in the mine to do so. A good well of pure water is near to and belongs to the mine.

The Descubridora Mine has been working since 1859, and has yielded large profits from that date, and continues to do so. It is now down to the 94 fm. level, and has been rich from the surface. The ore is lengthening, the average width of the vein being from 50 to 80 feet, composed of yellow sulphurets. The burrows, by applying steam crushers, will yield large returns. Within the last few months two new steam-engines have been erected at a cost of £6:00, and are now at work: these will increase the returns. The engines are one of 20 horse power for drawing, and one of 8-horse power for drawing, and one of shorse power for drawing, and one of shorse power for drawing, and one of 8-horse power for drawing, and one of shorse power for drawing

ROBERT MARSHALL, Chief Clerk.

PRICE, BOLTON, AND FILDER, Lincolv's lun

(Agents for S. T. G. Downing, Redruth, Cornwall, Plaintia's Solicitor).

Dated 2nd August, 1871.

Sale of Gunpowder at Portsmouth.

WAR OFFICE,

**5, New Street, Spring Gardens, November 8, 1871.

OTICE IS HEREBY GIVEN, that the Secretary of State for War is prepared to RECRIVE, on or before TUESDAY, the 21st lestant, TENDEES for the PURCHASE of No. 3 SHELL POWDER.

Tenders must be made upon the proper forms, which may be obtained on application at this office, or to the Control Officer, at the Gun Wharf, Portsmouth.

Samples may be had at Portsmouth.

THOMAS HOWELL. Director of Contracts.

LEICESTERSHIRE.

LEICESTERSHIRE.

TO BE SOLD, BY PRIVATE TREATY, a FREEHOLD RESIDENTIAL ESTATE of THREE HUNDRED AGRES of ARABLE and PASTURE LAND, together with the substantially modern built FAMILY MANSION, known as Lindridge House.

The house is approached by an entrance lodge through the park, and contains 4 reception rooms and billiard room (which, with the outer and inner lanthorn halls, are heated with hot water), 5 water closets, laboratory, 19 bed rooms and bath room, including servants, housekeepers' room, aervants' hall, butler's pantry, and good offices and cellarage. Hard, soft, and hot water are laid on throughout.

Gas works at the Farm supply the house and the stabling, where are standings for eight horses, large coach house, saddle room, piggeries, cow and fowl house, &c.

The flower and kitchen garden and shrubberies contain three acres, and also a gardener's house.

The farmyards and buildings are one quarter of a mile distant, of recent erection, and are covered in on the modern principle. The tenant's house, adjoining, has 3 sitting and 6 bed rooms, besides the usual offices for a dairy farm. There is good shorting on the estate, and good trout fishing in the strem which runs through it—isoo additional acres of shooting might be rented, which are strictly preserved. There is also a hind's house and barn adjoining, and two other cottages.

The estate is supposed to contain valuable beds of coal.

are strictly preserved. There is also a hind's house and barn adjoining, and two other cottages.

The estate is supposed to contain valuable beds of cost.

The following is an extract from the report of Mr. J. T. Woodhouse, of Derby,
Mining Engineer:—" As coal has been found, and is worked both at Bagworth
and Nalistone, and lying pretty evenly, there is every reason to suppose that is
extends under your property."

The estate adjoins two turnpike roads, and is 8½ miles from Leicester, I from
Desford, and 1½ mile from Desford Station, and 6 miles from the Narborough
and Elmesthorpe Stations.

For further particulars, apply to Messrs. BARBER and CURREY, of Derby,
Solictiors, where plans of the property may be seen; of to Mr. John Hannam,
3, King street, York.

IN LIQUIDATION.

IN LIQUIDATION.

WILL SHORTLY BE SOLD, BY AUCTION, the STEAM ENGINES, BOILERS, MACHINERY, TOOLS, and OTHER EFFECTS of the WEST ST. IVES CONSOLIDATED (late Trevesa and Brea) TIN MINING COMPANY (LIMITED), together with the COMPANY'S INTEREST in the said mine, situate in the parish of Towednack, near St. Ives, Cornwall. For copy of inventory, and further particulars, apply to Messrs. W. and T. ALDRED, Accountants, 28, Pall Mail, Manchester; or to J. W. ADDLESHAW, Esq., Solicitor, 67, King-street, Manchester.

LEAD MINES IN THE COUNTIES OF DURHAM AND NORTHUMBERLAND.

NORTHUMBERLAND.

TO BE LET, ON LEASE, the HUNSTANWORTH and NEWBIGGIN ROYALTIES, the former about 3334 acres, and the latter 200 acres, or thereabouts.

The Hunstanworth Royalty adjoins the celebrated W. B. Lead Mines, and has for many years yielded large quantities of lead ore, and much of the ground is undeveloped.

has for many years yielded large quantities of lead ore, and much of the ground is undeveloped.

Incoming I cesees can have the plant and machinery, now upon the premises, at an annual rent, with a right to purchase at any time during the lease, on terms to be agreed upon.

For particulars, apply to JOSEPH DODDS, Esq., M.P., Stockton-on-Tees; Mr. NATHANIEL CLARK, Beamish-park, Fence Houses; or Mr. THOMASJ. BRWICK, C.E., No. 2, Westimister-chambers, Victoria-street, London, S.W., and Haydon Bridge, Northumberland.

TO BE LET, ON LEASE, for a term of years, SEVERAL ACRES of LAND, suitable for MANUFACTURING PURPOSES, advantageously situated on the south bank of the River Tyne, about two miles below Newcastle-on-Tyne, and within a quarter of a mile from the North-Eastern Railway. There is a good quay frontage, with deep we ter.

Apply to Mr. T. S. BRAMWELL, King-street, Quay-sice, Newcas le-on-Tyne.

FOR SALE, separately, at reduced prices, the VALUABL'S TOOLS and OTHER APPLIANCES used at New Dock Works, Leads, in the manufacture of railway plant, wagon and carriage building, seneral engineering, &c. &c.

For prices and particulars, apply to Mr. JAMES POWELL, Consulting Engineer and Valuer of Engineering Plant, &c., 80, Basinghali-strest, Leeds.

FOR SALE, a high-class 25-horse power PORTABLE STEAM ENGINE; also, a 16-horse power, with or without reversing gear. FOR SALE, cheap, several first-class second-hand PORTABLE STEAM ENGINES, 3 to 14 horse power, in excellent order. PIT WINDING GEAR made at a short notice sultable for portable engines FOR SALE, a first-class MORTAR MILL.

Apply to-BARROWS AND STEWART, ENGINEERS, BANBURY.

RAILWAY CARRIAGE COMPANY (LIMITED,—
COLDBURY WORKS, NEAR BIRMINGHAM.
MANUFACTURERS of RAILWAY CARRIAGES and WAGONS, and EVERY
DESCRIPTION of IRONWORK.
Passengercarriages and wagons built, either for cash or for payment,
over a period of years.
RAILWAY WAGONS FOR HIRE.

CHIEF OFFICES,—OLDBURY WORKS, NEAR BIRMINGHAM. LONDON OFFICES,—7, GREAT WINCHESTER STREET BUILDINGS.

THE BIRMINGHAM WAGON COMPANY (LIMITED)
MANUFACTURE RAILWAY WAGONS OF EVERY DESCRIPTION, for
HIRE and SALE, by immediate or deferred payments. They have also wagon
for hirecapable of carrying 6, 8, and 10 tons, part of which are constructed specially for shipping purposes. Wagons in working order maintained by contract.

WAGON WORKS,—SMETHWICK, BIRMINGHAM.

*** Loans received on Debenture; particulars on application.

STAFFORDSHIRE WHEEL AND AXLE COMPANY
(LIMITED),
MANUFACTURERS of RAILWAY CARRIAGE, WAGON, and CONTRACTORS' WHEELS and AXLES, and other IRONWORK used in the CONSTRUCTION of RAILWAY ROLLING STOCK.
OFFICES AND WORKS,
HEATH STREET SOUTH, SPRING HILL, BIRMINGHAM.

HANDASYDE'S BOILER COMPOSITION—
(C. H. HANDASYDB AND CO., DALKEITH, N.B.)

For the PREVENTION of INCRUSTATIONS in STEAM BOILERS.
Net price, 12s. &d. per cwt.; 5 cwt. orders carriage paid; free from acids.

A TRIAL SOLICITED.

PINION WHEEL, COG WHEEL, AND LOCOMOTIVE GREASES.

AGENTS:
JAMES JOHNSTON, 27, MEADOWSIDE, DUNDEE.

E. S. CARTMAN AND CO., 68, ST. VINCENT STREET, GLASGOW. C. D. AUSTIN, 40, MOSLEY STREET, NEWCASTLE-ON-TYNE.

ADHESIVE STAMPS-BILLS OF EXCHANGE.

THE BOARD OF INLAND REVENUE give notice that the will shortly issue to the public ADHESIVE STAMPS for denoting the advencement of the stamps for the various rates of duty in Shillings will be Green instead of Purple, and those for the duties in Pounds will be Purple instead of Green.

The alteration, which is limited to these two series, will not interfere with the continued use of the present stamps.

By order of the Board,

Inland Revenue, Somerset House, 14th November, 1871.

ONE HUNDRED THOUSAND PER DAY.

Introduction of the \(\frac{1}{2} \)d, postago—The largest advertising medium.

WRAPPERS, ENVELOPES, AND POST CARDS ADDRESSKD from every Directory published, including County, Court, Pecrage, Clergy List, Biue Book, and from the Shareholders' Lists of first-class Banking, Railway, Tramway, Insurance, Mining, and other companies to the extent of 500,000 names, thus comprising a first-class investing public. Messra, GEO. S. SMITH and CO. call the special attention of the financial world to the great facilities which their complete and revised lists afford; at the same time cautioning them against the adoption of old ones.

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Messrs. GEO. S. SMITH and CO. can furnish the most reliable references. SCOTT'S CHAMBERS, 24, 25, and 26, PUDDING LANE, LONDON, E.C.

TWENTY-FIVE THOUSAND PER DAY.

A DDRESSED WRAPPERS, ENVELOPES, &c., ALWAYS
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"S. B. HÆMATITE,"
"S. B. YORKSHIRE,"
"CLAY LANE,"

PIG IRON; SOLE AGENTS FOR

AGENTS FOR JACKSON, GILL, AND CO., IMPERIAL IRONWORKS, NEAR MIDDLESBOROUGH; DARLINGTON WAGON COMPANY, DARLINGTON.

SCOTCH, HÆMATITE, STAFFORDSHIRE, DERBYSHIRE, FOREST OF DEAN, COLD BLAST AND REFINED PIG IRON, PUDDLED BARS AND BAR IRON, STEEL, SPELTER, TIN, COPPER, LEAD, SHEETS, ORES, &c.

ROYAL

PATENT.

MALAM AND COMPANY,

ENGINEERS.

INVENTORS AND PATENTEES OF PORTABLE AND STA-TIONARY GAS APPARATUS, NEW ROAD, ROTHERHITHE,

LONDON. CONTRACTORS for GAS, WATER, SUGAR WORKS, and DISTILLERIES

on the most improved principles. Pians and specifications furnished on application,

Also, INVENTORS of APPARATUS for GENERATING GAS from DEAD and other OILS, applicable to every description of FURNACES, FLUES, &c

DARLINGTON WAGON COMPANY,

RAILWAY WAGONS

For Cash, or on Deferred Payments, or Hire. Repairs executed with Dispatch, on Reasonable Terms. Offices and Works.

ALBERT HILL, DARLINGTON.



MANUFACTURERS OF EVERY DESCRIPTION OF IMPROVED PATENTEES.
(ESTABLISHED 1770.)

PATENT FLAT AND ROUND WIRE ROPES
From the very best quality of charcoal iron and steel wire. PATENT FLAT AND ROUND HEMP ROPES.

BHIFS RIGGING, SIGNAL AND FENCING STRAND, LIGHTNING CON-DUCTORS STRAM PLOUGH ROPES (made from Woster and Horsfall' patent steel wire), HEMP, FLAX, ENGINE 1 ARN, COTTON WASTE, TARPAULING, OIL SHEETS, 1 KATTICE CLOTHS, &c.

UNIVERSE WORKS, MILLWALL, POPLAR, LONDON. UNIVERSE WOODD, GARRISON STREET, BIRMINGHAM, CITY OFFI Dr., No. 5. LEADENHALL STREET, LONDON, E.C.

F. G. MULHOLLAND'S PATENT PHOSPHORISED PRESERVATIVE

ELASTIC ENAMEL COMPOSITIONS

TOR PREVENTING FOULING ON SHIPS BOTTOMS

and PHESERVATIVELY COATING EXTERNAL OF INTERNAL TIMBER and METALLIC CONSTRUCTION or every kind.
These invaluable mediums are supplied in a liquid state, of any required tint,
ready for use in all climates. They set almost immediately without smell; cost
less than ordinary colour; their application does not require skilled land;
wo costs produce an effective stain and varnish; they afford absolute protection to timber from dry rot; and being proof against humidity are specially
adapted as glue for joiners' and cabinet-makers' work generally.

Particulars and prices of the proprietors—

21, GREAT ST. HELENS, BISHOPSGATE, E.C., LONDON.

BLAKE'S PATENT TUTONITE.

THE SAFEST EXPLOSIVE, ECONOMICAL, and of the GREATEST POWER, suitable for SHELLS, TORPEDOES, and overy description of BLASTING. Can be supplied in cartridges of any size, and of various strengths. It has been in use since 1869, and is KMPLOYED IN GRANITE AND SLATE QUARRIES, MINES, &c., in ENGLAND, SCOTLAND, and WALES, and various parts of the world.

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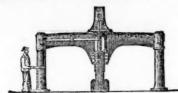
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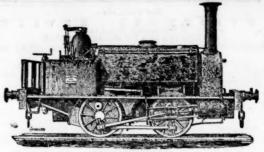
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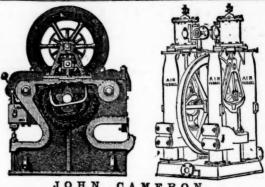
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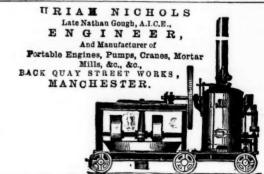


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THE COMMERCIAL AGENCY OF BRAZIL,

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BICKFORD'S PATENT
FOR CONVEYING
CHARGE IN

CHARGE IN

BLASTING ROCKS,&c.

Obtained the PRIZE MEDALS at the "ROYAL EXHIBITION" of 1851; at the "INTERNATIONAL EXHIBITION" of 1862, in London; at the "IMPERIAL EXPOSITION" held in Paris, in 1855; at the "INTERNATIONAL EXHIBITION" in Dablin, 1865; at the "UNIVERSAL EXPOSITION," in Paris, 1867; and at the "GREAT INDUSTRIAL EXHIBITION," at Altona, in 1869.



BICKFORD, SMITH AND CO., of TUCKINGMILL, CORNWALL, MANUFACTURERS of PATENT SAFETY-FUSE, having been informed that the name of their firm has been attached to fuse not of their manufacture, beg to call the attention of the trade and public to the following announcement:—

RVERY COIL of FUSE MANUFACTURED by them has TWO SEPARATE THREADS PASSING THROUGH the COLUMN of GUNPOWDER, and BICKFORD, SMITH AND CO., CLAIM SUCH TWO SEPARATE THREADS AS THEIR TRADE MARK.

JOHN BOURNE AND CO., ENGINEERS, SHIPBUILDERS, AND CONTRACTORS, BLOWING ENGINES, WINDING ENGINES, Bourne's Patent Spherical Governors, Bourne's Patent Feedwater Heaters, Bourne's Patent Gas Furnaces, Bourne's Patent Coal-dust Furnaces, PUMPING ENGINES, STEAM BOILERS. 66, MARK LANE, LONDON.

HOWATSON'S PATENT

PUDDLING AND HEATING FURNACES Are SAVING at the LEADING IRONWORKS in the KINGDOM TWENTY-FIVE PER CENT. OF FUEL, and a LARGE PERCENTAGE OF IRON.

The invention can be applied to the ordinary furnaces at a cost of £5. Apply for Scotland to the Patentee

ANDREW HOWATSON, DALDORCH HOUSE, MAUCHLINE, N.B.

ALEXANDER SMITH, CONSULTING ENGINEER & VALUER, DUDLEY

ALEXANDER SMITH,

CONSULTING ENGINEER, ARBITRATOR, AND VALUER OF EVERY DESCRIPTION OF PLANT AND MACHINERY.

CASTLE STREET AND BOURNE STREET, DUDLEY. Office for all New and Second-Hand Requirements of Ironworks, Collieries, and General Manufactories.

WHEATLEY KIRK & PRICE,

(ESTABLISHED 1850,)

AUCTIONEERS AND VALUERS OP EVERY DESCRIPTION OF

COLLIERY PLANT, IRONWORKS, &c. Estimates for Periodical Surplus Sales, Annual Valuations, &c. 35, PRINCESS STREET, MANCHESTER.

IRON AN	D COAL COM	PAN	IIF	s.				
Fhares. Company.		P	ald			1	Price	
£100 John Abbot and Co. [L.]		£ 75	0			20	15	dis.
" 100 Ashbury CO. Listanasana		90	0				25	dis.
50 Blacnavon Iron and Stee	l Co. [L. 1	7	10	-				4100
100 Bolckow, Vaughan, and	Co. [[,1]	30	0			35	8756	pm.
100 Brown, John, and Co. [L	1	70	0		::	11	12	pm.
100 Carnworth Hematite Iron	n Company	100	0			**	**	Press.
10 Consett Iron Co. [L.]	a company access	7	10	-			614	pm.
100 Cammell and Co. [!]		80	0	-	::	8	7(2	dis.
32 Kbbw Vale Co. [L.]		27	10	-	**	456		dis.
6 Fairbairn Engineering			0			16		pm.
20 General Mining Associati		20	0		••	7.3	9	Pens
15 Hopkins, Gilkes, and Co.	II.	10	0	0	**	par.		pm.
10 Ironmasters' Company [.1	10	0	0	**	B.mr.		Posts.
10 Midland Iron Co. [f]			0	0			8	pm.
21/4 Mersey Steel and Iron Co	. fl.1	11	10	0				par.
4 Mwyndy Iron Ore IL.1		3	10	0		21/4	2	dia.
100 Nantyglo and Blaina (pe	rn. 8 n. c. pref.)	25	0			6	4	dis.
I Nerbudda Coal and Iron	apa o pa os pacis, se	0	7	0	**	v		par.
35 Palmer's Shipbuilding at	nd Iron Co. ff1	25	0	0		21/	834	
85 Ditto	ditto	35	o	0	**	31/4	23	
100 Parkgate Iron Co. [L.] .		65	0			10	12.	pm.
20 Patent Shaft and Axletr	ce Co. [L.1	10	0	0		636		pm.
50 Rhymney Iron Co. [L.]	***************************************	80		0		17	15	dis.
	*************	15	0	0		516		
80 Shotts Iron Co	*******	50		0			17	dis.
200 Sheepbridge Iron and Co	al Co. [L.1	88		0		6		dis.
100 Staveley Iron and Coal (0	60		0			46	pm.
100 Ditto ditto	New	10	0	0		736		
100 Thames Iron Company	******	10	0	0			11	pm.
7% Titanic Iron and Steel	*******	. 8	0	0				
366 Vancouver Coal [L.]	*************	6	0	0		1	36	dis.
10 Van Iron Ore [L.]		10	0	0			/1	
50 Welsh Ironworks Co. [L.	1	80	0	0			-	
0 00 Ditto 10 per cer	. preference	50	0					
10 Vibitehaven Iron Mines	(lales server	4	. 0		**	4.00	-	See
300 Wigan Coal and Iron Co.	******	100	0				10	dis.

THE MINING SHARE LIST

BRITISH DIVIDEND MINES.

Share	s. Mines.	1	Pate	1.	Las	Pr.		Busines		Total	dis	m. F	ar a	has	re. Last	nasa	
1800	Alderley Rdge, c, Cheshire Blaen Caelan, s-l, Cardig.	1		10		-				. 1	11	8	0	5 6	nJuly	187	i
0000	Blaen Caelan, s-1, Cardig			0		11%.		11/4 13			0 2	D.,	. 0	1 4	toO o	1971	i
			1 (0		-				. (2	U.,	0	2 (Apr.	1870	0
200	Botallack, t. c, St. Just Bronfloyd. s-1, Cardigan*1	9	1 /	0	2	10 .		200 220		608	15	0	2 1	3 6	Nov.	187	
0000	Bronfloyd. s-l, Cardigan 1	10	0 6	0	1	05 .	••	102 107		. AUC	·	V	3	D 0	L. Oct.	1871	
4000	Brookwood, C. Buckinsticiku		1 4 6	0	** '				•	. 1		6	0	2 6	Nov.	187	1
6400	Cashwell. I. Cumberland	3	10	0	••	-	••		•		18	0		3 6	Sept.	1871	
0.000	Castle-an-Dinas, t, St. Columb Carn Brea. c, t, Illogant	3/	0	0	. 18			471/4152	1/*			0	0	2 0	July	1871	
1000	Cook's Kitchen, c. Hlogant	19	14	9 .	. 40			39 40	/2		14	0	3	0 0	Aug.	1871	
867	Cwm Erfin. l. Cardiganshire.	7		0 .				00 40		31	12	0	0 1	. 0	Oct.	1871	
199	Cwmystwith, I, Cardiganshire	60		0 .		. :	•			394		0		0 0	Jan.	1871	
280	Description & L. Diring	800		0 .		. :						0	2 1	0 0	July	1868	
1024	Devon Gt. Consols, c. Tavistock	1	0	0 .		5 .	. 1	100 105		1153	0	0	4	0 0	May	1871	
656	Devon Gt. Consols, c. Tavistocky Ding Dong, t, Gulvalt Dolcoath, c, t, Camborne Draka Walls, t, Calstockt	49	14	6 .						7	10	0	0 1	5 0	Aug.	1870	
1432	Doleonth c. t. Camborne	82	4	6 .	. 22	5	. 1	20 230		261	2	6	3 1	0 0	Oct.	1871	
2800	Drake Walls, t, Calstockt		10	0		34		4 416		1	3 :	8	0	1 0	July	1870	
6144			14			11/4		4 41/2		14	14	0	0	2 6	July	1871	
300	East Darren, I, Cardiganshire	33		0 .						201	10	0	1	0 0	Sept.	1871	1
6400	East Parren, 4, Cardigan East Pool, 1, c, Pool, Illogan Rast Wheal Lovell, 1, Wendron. Foxdale, I, Isle of Man* Christow	0		9 .				8 18%		12	1	3	0	5 0	Nov.	1871	1
1906	Rast Wheal Lovell, I, Wendron	3		0 .				12 13	**	19	8	6	0 1	2 6	Ang.	1871	
2800	Foxdale, I. Isle of Man	25		0 .						79	0	0	0 1	5 0	Oct.	1871	
6000		8		6 .			٠.	11/ 151/		14	8	0	0	2 6	Aug.	1870	
5000	Great Laxey, t, 1816 of Man	4) .		9/8.	. 14	13% 15%		19	9	U	0	6 0	Sept.	1871	
3000	Great Northern Manganese			0 .	. 1	114	1	136 113		18	12		9 P	et.	Pen.	1869	
0040	Great Wheat vor. t. c. Helston	40		0.		76		78 117		0	9	0	0	3 0	Feb. June Nov.	1870	
1094	Great Northern Manganese* Great Wheal Vor. t., Helstont., Guunislake (Ciltters'), t, c, Herodstoot, l. near Liskeard; Killaioe, sl., Tipperary. Levant.c, t, St. Just Lisburne, l. Cardiganahire Marke Valley, c, Carvadon	:		0.			•	41 43		BR	10	0		0 0	.Oot.	1871	
F000	Herodsfoot, I. Hear Insabard	-		0				** **		0	9 1	112	0 0	81/	Dec.	1870	
105	Killaloe, st, Tipperary	10		1						1101	0	0	9 4	0 0	Ang.	1869	
400	Levant, C, t, Cordiganalire		15								10	0	3	0 0	Aug.	1871	
0000	Marke Valley, c. Caradon	4		6		1/4 .	. 3	14 414		7	5 (1	0 2	0.	.Oet.	1871	1
2000	are we Minima Co I Wresham .	8		0						84	15	8			Nov.	1871	1
		7	0	0	-					0	4	616	0 ;	2 1	July	1870	1
8400	New Pembroke, t. c. Par Station.	K	0	0	. 4	14		4 41/4		0	10	0	0 5	6	Nov.	1871	1
2000	North Hendre, t. Walch		10					61/4		0	1 3)]	1 3.	.Oct.	1871	1
2000	North Levant, t. c. St. Just		12					15 16		3	5 (0 13	0.	.Aug.	1871	1
6010	North Wheat Crofty, C. Hickant	8		3 -		14		1/4 1/4		0	5 (0 1		June	1871	1
256	Pendarves United, t, c, Camb	86		0				52 54		21	0 0		3 0	0.	July	1871	1
5000	Penhalls, L. Mt. Agnes	8		0		1/2 .		1 1/4 2	**	477	2 6		0 2	0.	.Nov.	1871	1
800	Discoult t. c. Linkinnorne	50		0					••	411	13 6		7 0	0.	.Oet.	1871	
1772	Polberro, t, St. Agues Poldice, t, c, Gwennap	15		0					••	i	10 4		0 10	0	May	1871	1
2000	Poldice, t, c, Gwennap	10	0	0		•••		% 1	**		10		0 10	0.	.Oct.	1870	1
2800	Prince of Wales, c. Calstock Providence, t. Uny Lelant	0	13					25 27		109	10			0.	Nov.	1871	1
1120	Providence, t. Uny Lelanty	10	10	7						0	9 ()	0 1	0.	. Dec.	1870	1
		7		0				7 171/4		0	5 0		0 1	0.	.Oct.	1871	1
2000	Roman Gravels, t, Dalup *******	-		0		1/6.				0	14 6		0 1	6	June	1871	1
5869	Rosewall Hill & Ransom, t	i		0 .			. 1	1 1 1/8 55 175			10)	3 6		Sept.	1871	1
512	South Caradon, e, St. Cheert		8	6			- 3	81/4 9		1	2 6		0 7	6	Oct.	1871	1
5128	South Condurrow, t, e, Camborne South Darren, l, Cardigan*			6						1	1 6	i	0 1		.Nov.	1870	
		24	10	10.	. 3			30 31		8	0 0		0 10	0.	.June	1870	1
937	South Wh. Cronge, c. Illog.	18	18				. 5	71/2 60		374	18 6		1 0	0.	.Mar.	1868	1.
480	So. Wh. Frances, c, Illog Spearn Moor, t, St. Just	36	17							16	15 0		1 0	0.	.June	1871	13
940	St. Ives Consols, t, St. Ives	10	15	0				8 9		0	10 0		0 10	0.	. May	1869	١.
277	By Just Amalgamated, to	8	10	0 .						0	5 ()	0 9		. Nov.	1870	1
0000	Tankerville, I. Salop*	6	0	0 .	. 17		, 1	6 1616		1	12 ()	0 6	0.	.Oct.	1871	
6000	Tincroft, c, t, Pool, Illogant	9	0	0 .	. 6	-		61 63		32	13 (1 15	0.	.Sept.	1871	1,
1000	Tankerville, I, Salop* Tincroft, c, t, Pool, Illogant Trunpet Const, Helston	5	15	0	. 1			50 52		7	11 (0 10	0.	.Oct.	1871	1
SOON	Van. L. Lianidioes	4	5	0	. 8:		17	1/ 181/		5	6 (0 12			1871	
0000	W. Chiverton, I, Perranzabulost	10		0			, , ,	18 18 18 18 18 18 18 18 18 18 18 18 18 1		80	7 6		1 0	0.	.June	1871	
2048	W. Chiverton, I, Perranzabulost West Wheal Frances, I, Illogan		18	9				30 140		2	200		0 10	0.	.Oct.	1871	
400	W. Wheal Seton, c, Cambornet Wheal Arthur, t, Calstock	47	U	0				00 140		0	100		3 10	0.	.Oct.	1871	L
2288	Wheal Arthur, I, Caistock	1	0	0	120	**	10	7141121	4	684	0 0		0 1	0.	.Aug.	1871	
612	Wheal Basset, c, Illogant	11	10	6			9	36 1016	• • •	0	20	(9	0.	.Oct. Sept.	1871	
5179	Wheai Grenville. c. Camborne	10	16	0	89			34 1014 51 53			10 0	. 1	0	0	Oct.	1871	1
512	Wheal Jane, s-l, Kea	8	4	6	20		9.0	14 x. d		7	8 0		10	0	Nov.	1871	
295	Wheal Kitty, t, St. Agnes Wheal Kitty, t, Uny Lelantt	3	10	6 .				6 7		13	17 R	4	0 5	0.	July	1871	1
024	Wheal Margaret, t. Uny Lelant.	13	17	6	1.6			16 17		80	7 6	(12	0.	June	1871	1
1.004	Wheal Mary Ann / Menheniate	10	0	0	10			9 10		72	17 6	(10	6.	Aug.	1871	
000	Wh. Mary Hutching, Plymp. t	2	12	8	_	***				0	17 6	(7	6.	.Sept.	1871	
80	When Owies, t. St. Justi	70	0	0	-					490	0 0	1	9 0		Aug.	1871	
0000	Wheal Russell, c. Tavistock	1		0	_					0	2 0		0 1	0.	.June	1871	1
1096	Wheal Uny, t, c, Redruth	10	14	8	, a	%	1	01/2 10		0	15 0	1	0 4	0.	.Oct.	1871	1
600	Wh. Mary Hutchins, Plymp., t., Wheal Owles, t, St. Just; Wheal Russell, c, Tavistock Wheal Uny, t, c, Redruth Wicklow, c, t, Wicklow		10 (8	8 8%		50	2 6	(2	6.	.Sept.	1871	1
			O F	V	I D	E N	1	MI	NI	F 3							
	FOREIGN							11/6 2			16 8						
5000	Alamilios, I, Spain*1	3	0	0	. 1			% 1/8	**	0	9 9			3.	Sept.	1871	1
00000	Almada&TiritoConsciidated,s*†	4	7					10 .18		0	2 4		0 1	o,	.June .Sept.	TOLF	
13436141	Australian, c. South Australiat			w 0.5						-			- 4	W.	+ DUDE:	A CO & A	1 4

35000	Alamillos, I, Spain*1			0	3		11/6 2	**	0	16	9	0	1 3. Sept.	1871	
80000	Almada&TiritoConsolidated,sof	1	0	0	1		% 1½		0	2	3	0 (9June	1871	١
20000	Australian, c, South Australiat	7	7	6	-				0	2	6	0 1	1 0 Sept.	1871	ļ
14000	Cape Copper Mining *	7	0	0	14		131/4 141/4		6	- 7	6	0 1	0 Apr.	1871	}
30000	Central American Association *1	0	15	0	_				0	6	0	0	1 0 July	1869	1
21000	Colorado Terrible,s-1,Colorado*†	5	0	0	5		414 514		0	8	0	2	0Oct.	1871	ļ
76169	Don Pedro North del Rey" !	0	14	0	31/	6	31/8 83/8		2	3	9	0 4	0 Mar.	1870	
93800	Eberhardt & Aurora, , Nevada * †	10	0	0	20		16 17		1	0	0	1 0	0July	1871	ì
70000	English and Australian, ct	2	10	0	_				1	19	9	0 0	9 . Feb.	1869	I
95000	Fortuna, I, Spain*†	2	0	0	3		21/2 3		2	8	4	0 2	0 Sept.	1871	I
48000	Kapunda Mining Co., Austrat.	1	3	0	3,		1/8 1/4		0	1	10.	0	6. Nov.	1868	ł
15000	Linares, I, Spain*t	3	0	0	31/	6	3 31/2		13	13	4	0 1	0 Sept.	1871	
	Panulcillo, c, Chilit	4	0	0	2		13/4 21/4		1	o pe	er ce	nt.	Ye	arly.	l
	Pontgibaud, s-l, Francet	20		0	18		16 19		9	8	9	0 11	10.July	1871	Į
	Port Phillip, g. Clunes t	1		0	13		% 1%		1	7	0	0 1	0Juue	1871	ļ
	Scottish Australian Min. Co. t.	í		0	-					per	cen		Apr.	1971	ì
	Sierra Buttes, g, California +			0	5		434 516		0	. 8	0	0 9	0 Sept.	1871	l
	South Aurora, s, Nevada*			0	21/	4	2% 2%		0	12	2	0 4	0June	1971	į
	St. John del Rey, Brazilet	15		0	82	•	0 32		81	10	0		0Dec.	1867	ł
	Sweetland Creek, g, California*	4		0	-		234 314		1	0	0		0Aug.	1971	ł
TOUUU	DWCCLIALU CICCE, D, CAILLOTHIA*		v	V 8 8								v 1	V AUR.	TOLL	Ł

15000	Sweetland Creek, g, California 4 00	,	• •	•		0		J Aug.	1871
	NON-DIVIDEND FOREIG	N	M	IN	ES.				
	21 0 21 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	p,	1.1.4	F.aa	L D.	P			
3hares	Mines.	1	0 0	LALEM	Pr.	Bus.	done	. Last O	ull.
\$0000	Anglo-Argentine, g, s. Argentine Republic t		10 0		1	;	6 1	Fully	pd.
20000	Anglo-Australian, q. Victoria		17 0		-			Fully	pd.
100000	Angio-Brazilian, att	U	17 0	**	34			Nov.	1871
20000	Australia United, a. Victoria 1	- 2	10 0			1/2	- 34	Fully	
15000	Birdseve Creek, a. California* (£4 shares)	4	0 0		4	. 8	4	July	
50000	Bragansa, q. Brazil*		15 0		-		-	Oct.	
30000	Brazilian, cl, Rio Grande do Sui*	2			-			Ang	1871
7500	Champion, q. A. Colorado	10			-	15	6 16	Fully	pd.
\$2000	Chontales, g, s, Nicaragua*† (and 15,000 of £1)	2	0 0		2	11/	136	Fully	nd.
0000	Clifton, s, Colorado	- 8			-		- 78	Oes.	1871
00000	Cuiaba, g, Minas Geraes, Brazil	0	15 0		-			Nov	1870
000000	Eclipse, g, California* (£1 shares)	0	19 0		1	136	134	Aug.	1971
80000	Emma, g, s, Utah*	20	0 0		24	23	62414	Fully	nd
20000	Exchequer, g, s, California*	1	0 0		134	1	134	Fully	pus
40000	Fortune Copper Mining Co. of Western Australia	2	0 0		-		- 10	Fully	pu.
40000	Fronting and Bolling of New Granadass	2	0 0		3/	14	34	Fully	
90000	Frontino and Bolivia, g, New Granada*†	. 1	0 0		62	. 6	32		
190000	General Brazilian, g*	9	10 0		-/8		78	Fully	pu.
€000	Great Western, s, Nevada"	0	10 0		_			June	
25000	Gueriero, g, Mexico (totalcap, -50,000 shares of £1)	- 6	0 0		_	**	017	Aug.	1869
12400	Illinois, g. s, Colorado	1	0 0	**	_	//9	81/2	Fully	
100000	Imperial Ottoman, s-l, Turkey*				_	**		Fully	pa.
20000	I. X. L., g, a, California.		0 0		_		614	Fully	
00000	Javali, g, Nicaragua				-			Jan.	
11000	Kansas, g, Colorado*	•	0 0		-			Fully	
	Lusitanian (Portugal) (£5 shares)		0 0		. 74	16	34	Dec.	
30000	Malpaso, g., Colombia	0	5 0		1			July	1871
30000	Mineral Hill, s, Nevada* (£100 debent., par to 2 pm.)	10			18%	18	181/4	Fully	pd.
50000	New Rosario, s. Mexico*	1	0 0		-			Fully	pđ.
15000	Pacific, g, s, Nevada and California (and reduced)	7			5	41/2	434	Fully	pd.
80000	Pestarena United, g, Italy * t	- 3			3/4	%	3/2	Fully	pd.
26000	Pinto, s, Nevada* (£5 shares)	4	0 0		-		-	Aug.	1871
100000	Rosva Grande, g, Brazil* (£1 shares)	0	15 0		1/1	%	16	Sept.	1870
20000	Russia, c, Orenburg and Uta*†	ä	0 0		_			Aug.	1871
50000	Sao Vicente, Brazil*†	0						June	1871
	Silver Star, s, Nevada*	10	0 0		-			Fully	pd.
87500	Snowdrift, s, Colorado*	0	4 0		-			July	
12000	South Utah, e, Utah.	8	0 0		_			Fully	
000000	Taquaril, g, Brazil* (£1 shares)	0	19 0		_	34	14	Oct.	
15000	Thornbill Reef, g, Australia*	1	0 0					Fully	
90000	Tolima, g, s, New Granada*	2	10 (-		- 74	July	
40000	Tuolumne, g, California*	2	0 0		_			Fully	
	United Mexican, s, Mexico 1	28			4	3	214	May	
10000	Utah, g, s-l, Utah	10			914			Fully	
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	Shares. Mines NON-DIVIDEND MINES.
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London: Printed by RIGHARD MIDDLETON, and post by HERRY ENGLISH (the proprietors), at their off FLEET STREET, E.U., where all communications at quested to be addressed.—Xovember 18, 1871.